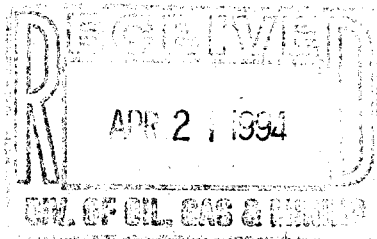




April 19, 1994

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Frank Matthews



Re: Coastal Oil & Gas Corp.
NBU #222
SW NE Sec. 11, T10S - R22E
Uintah County, Utah

Dear Frank,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well, along with the required drilling program.

Please note that the proposed water source is the Uintah #1 water well, Permit No. 49-111.

Please forward the approved copies to the address shown below. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

Lisa L. Smith
Consultant for:
COASTAL OIL & GAS CORPORATION

Enc.

cc: Coastal Oil & Gas

Permitco Incorporated
A Petroleum Permitting Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.
U-01194-A-ST

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Natural Buttes

8. Perm or Lease Name

NBU

9. Well No.

#222

10. Field and Pool, or Wildcat

Natural Buttes

11. Sec., T., R., M., OR Bk.

and Survey or Area

Sec. 11, T10S - R22E

12. County or Parish

Uintah

13. State

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

Oil

Well ☒

Gas

Well ☐

Other

Single

Zone ☒

Multiple

Zone ☐

2. Name of Operator

303/573-4476

600-17th St., Suite 800 S

Coastal Oil & Gas Corporation

Denver, CO 80201-0749

3. Address of Operator

303/452-8888

13585 Jackson Drive

Permitco Inc. - Agent

Denver, CO 80241

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface

1667' FNL and 2602' FEL

SW NE Sec. 11, T10S - R22E

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

23 miles southeast of Ouray, UT

15. Distance from proposed*
location to nearest
property or lease line, ft.

(Also to nearest drig. line, if any)

1667'

16. No. of acres in lease

1674.5

17. No. of acres assigned
to this well

40

18. Distance from proposed location *
to nearest well, drilling, completed,

or applied for, on this lease, ft.

Approx. 1200' SW

19. Proposed depth

6800'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5034' GR

22. Approx. date work will start*

Upon approval of this application

23.

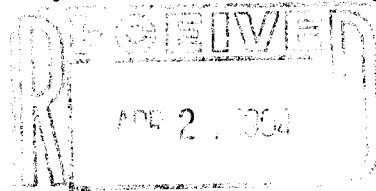
PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	250'	155 cubic feet or suffic to circ to sur
7-7/8"	5-1/2"	17#	6800'	1723 cubic feet or suffic to cover zones of interest.

Coastal Oil & Gas Corp. proposes to drill a well to 6800' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See Drilling Plan attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under their Nationwide Bond #CO-0018.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

Consultant for:

Signed

[Signature]

Title **Coastal Oil & Gas Corp.**

Date **4/19/94**

(This space for Federal or State office use)

Permit No.

43-047-32509

Approval Date

Approved by

Conditions of approval, if any:

Title

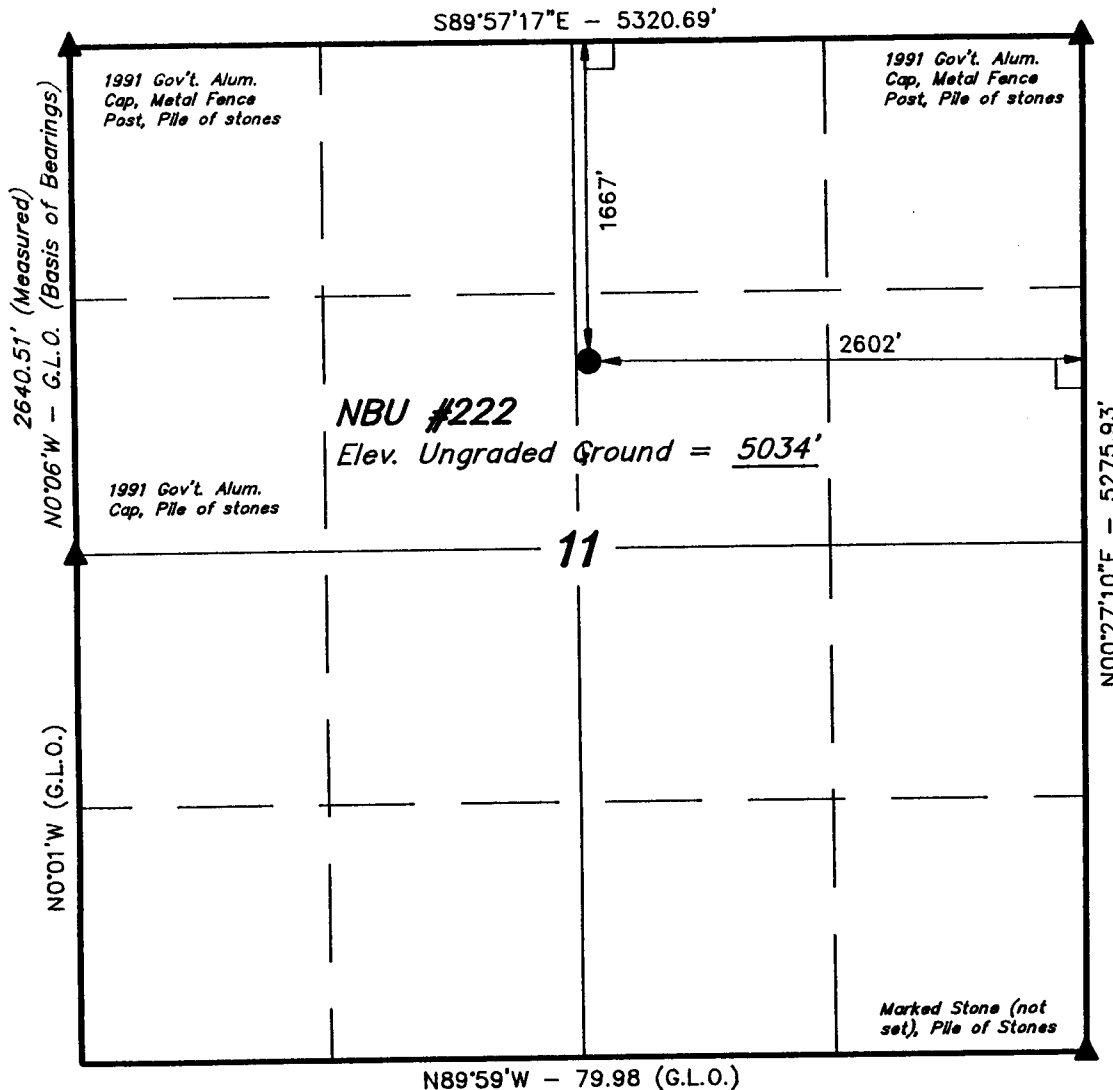
**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: **4/28/94**

BY: *[Signature]*

WELL SPACING R49-2-3

T10S, R22E, S.L.B.&M.

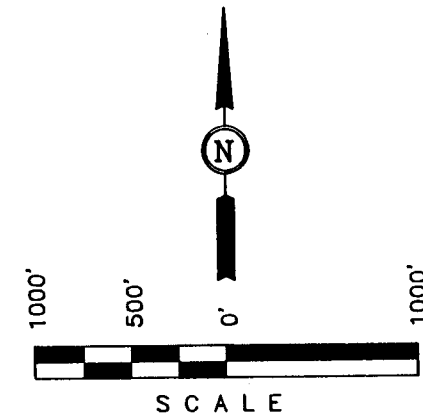


COASTAL OIL & GAS CORP.

Well location, NBU #222, located as shown in the SW 1/4 NE 1/4 of Section 11, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 3-31-94	DATE DRAWN: 4-10-94
PARTY L.D.T. B.B. J.R.S.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

DRILLING PROGRAM

NBU #222
1667' FNL and 2602' FEL
SW NE Sec. 11, T10S - R22E
Uintah County, Utah

Prepared For:

Coastal Oil & Gas Corp.

By:

PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888

Copies Sent To:

3 - Division of Oil, Gas & Mining
1 - Coastal Oil & Gas Corp. - Denver, CO



The proposed wellsite is located on State Surface/State Minerals.

All new road construction is located on state lands.

An onsite inspection for the above mentioned location and access road was conducted on Tuesday, March 12, 1994 at 10:10 a.m. Weather conditions were cool and sunny.

Present at the onsite inspection were the following individuals:

Dave Hackford	Utah Division of Oil, Gas & Mining
Paul Breshears	Coastal Oil & Gas Corp.
Robert Kay	Uintah Engineering & Land Surveying
Lisa Smith	Permitco Inc.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Wasatch	4045'
T.D.	6800'

2. Casing Program

The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>
Surface	0-250'	12-1/4"	8-5/8"	24#	K-55
Produc.	0-6800'	7-7/8"	5-1/2"	17#	K-55

Casing design subject to revision based on geologic conditions encountered.

3. Cement Program

The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-250'	± 155 cubic feet of Class "G" w/2% CaCl ₂ & 1/4#/sk floeal. Cement volume = Annular Volume X 1.5).



Permitco Incorporated
A Petroleum Permitting Company

Application for Permit to Drill
Coastal Oil & Gas Corp.
NBU #222
1667' FNL and 2602' FEL
SW NE Sec. 11, T10S - R22E
Uintah County, Utah

Lease No. State U-01194-A-ST

DRILLING PROGRAM
Page 2

Production
0-6100'

Type and Amount

Lead: 1593 cubic feet of Premium High-Fill w/1#/sk granulite TR, 0.3% HR-7 & 1#/sk floeal.

6100'-6800'

Tail: 130 cubic feet Premium 50/50 Pozmix w/10% salt, 2% gel, 0.4% Halad-40, 0.4% CFR-3, 1#/sk granulite TR, 0.5#/sk floeal.

4. Drilling Fluids

The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>PH</u>
0-6800'	Aerated Wtr.	---	--	--	--

5. Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

- Drill stem tests will be run as warranted after log evaluation. (Straddle test).
- The logging program will consist of a GR and DLL from T.D. to base of surface casing. An FDC-CNL will be run from T.D. to 1300'.
- No Cores are anticipated. Rotary sidewall cores if warranted.

6. Spud Date/Drilling Time

- Drilling is planned to commence immediately upon approval of this application.
- It is anticipated that the drilling of this well will take approximately 8-10 days.

7. Road Use/Water Source

- a. All existing roads are located on Tribal or BLM lands and are currently covered under existing right of ways. Approximately 0.8 miles will be new construction located on State lands as shown on Map "B".
- c. All water needed for drilling purposes will be obtained from the Uintah #1 Water Well, Section 15, T10S - R21E which is operated by Target Trucking, Vernal, Utah. Water Permit No. 49-111.

8. BOP Requirements

Coastal's minimum specifications for pressure control equipment are as follows:
Ram Type: Hydraulic double w/Hydril, 2000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Application for Permit to Drill
Coastal Oil & Gas Corp.
NBU #222
1667' FNL and 2602' FEL
SW NE Sec. 11, T10S - R22E
Uintah County, Utah

Lease No. State U-01194-A-ST

DRILLING PROGRAM
Page 4

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

9. **Anticipated Pressures**

- a. The maximum anticipated bottom hole pressure equals approximately 2720 psi (calculated at 0.40 psi/foot) and maximum anticipated surface pressure equals approximately 1496 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.

Application for Permit to Drill
Coastal Oil & Gas Corp.
NBU #222
1667' FNL and 2602' FEL
SW NE Sec. 11, T10S - R22E
Uintah County, Utah

Lease No. State U-01194-A-ST

DRILLING PROGRAM
Page 5

10. Reserve Pit

This location sits at the junction of the White River and Bitter Creek, above the cliff face. Due to the close proximity of surface water and the rocky condition of the location, the reserve pit will be lined with a plastic liner of at least 10 mil.

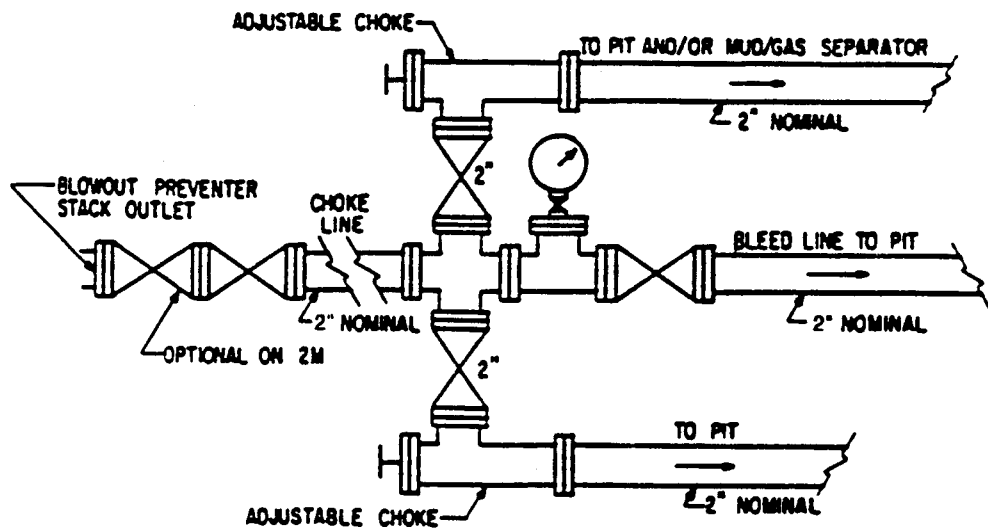
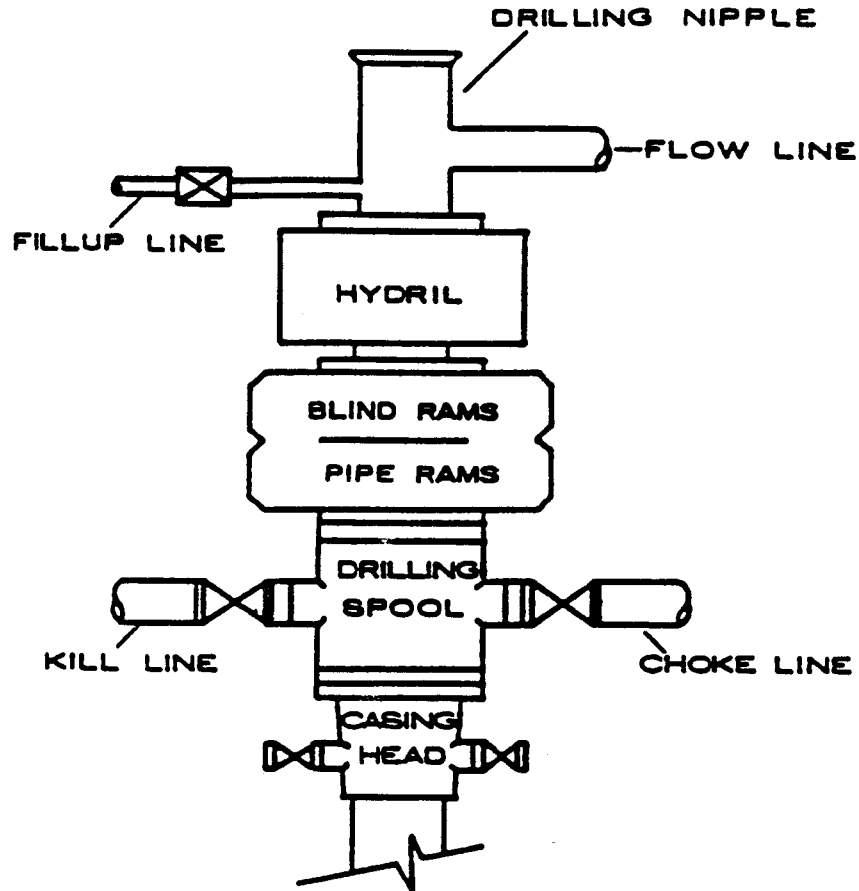
In addition, the location will be bermed with an 18" soil berm to prevent any spills or fluids from flowing across the pad and down the cliff face.

11. Archeological Report

A Class III Archeological Study was conducted by Metcalf Archeological Consultants. No significant cultural resources were found and clearance has been recommended. A copy of the report is attached.

BOP STACK

2,000 PSI



2,000 PSI CHOKE MANIFOLD

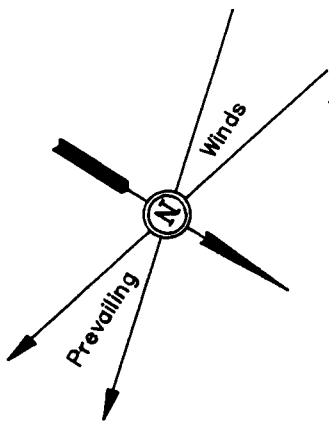
COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL

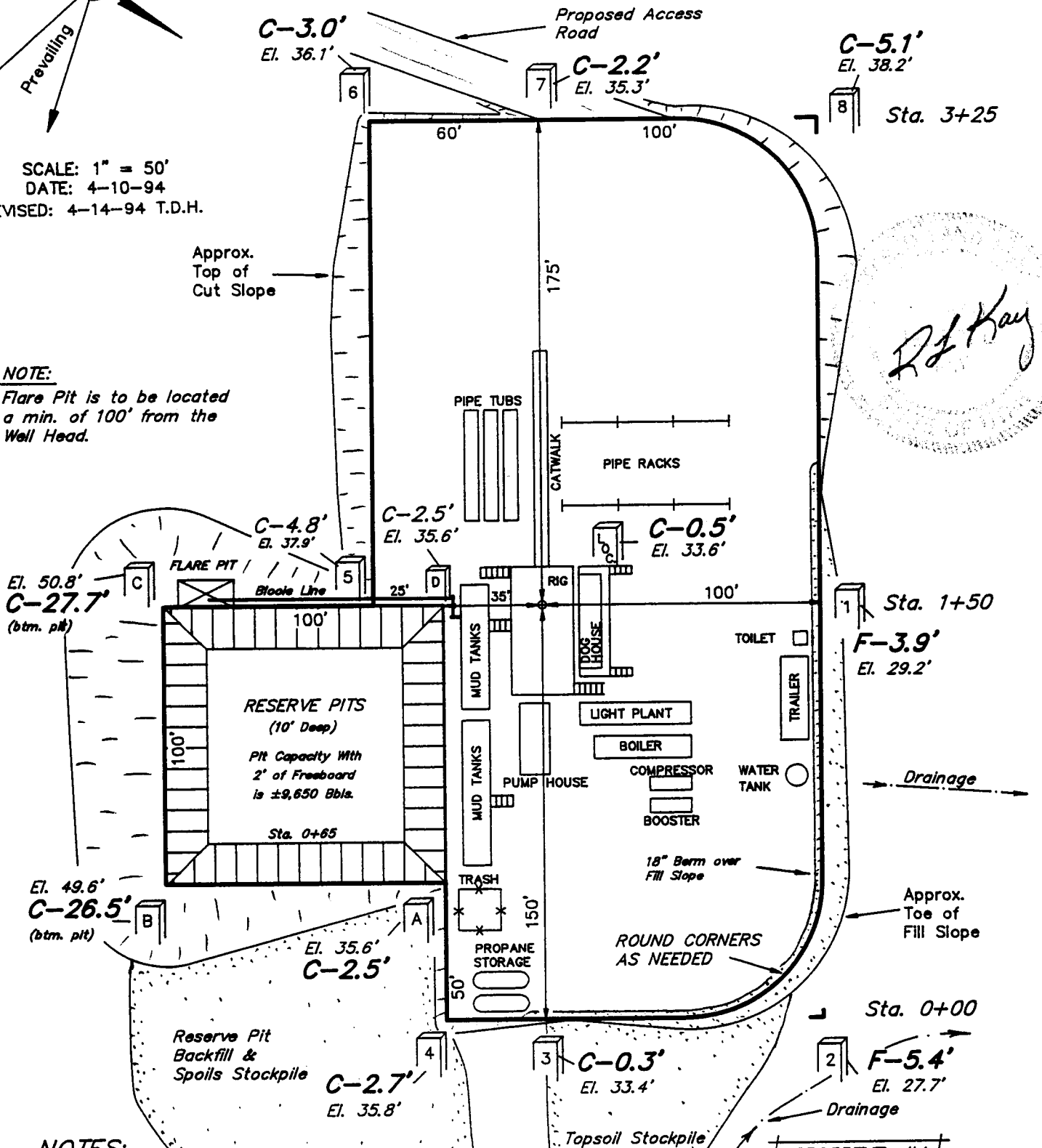


SCALE: 1" = 50'
DATE: 4-10-94
REVISED: 4-14-94 T.D.H.

Approx.
Top of
Cut Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5033.6'

FINISHED GRADE ELEV. AT LOC. STAKE = 5033.1'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah (801) 789-1017

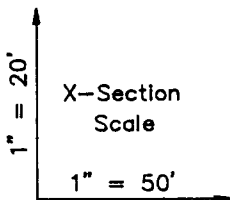
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

NBU #222

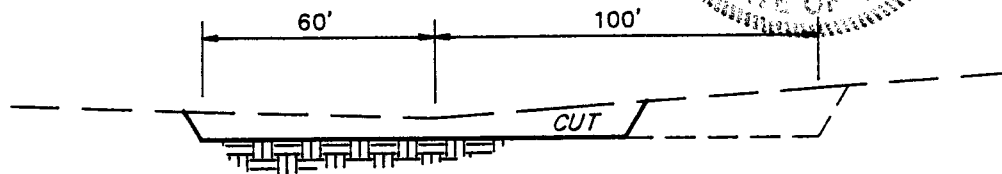
SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL

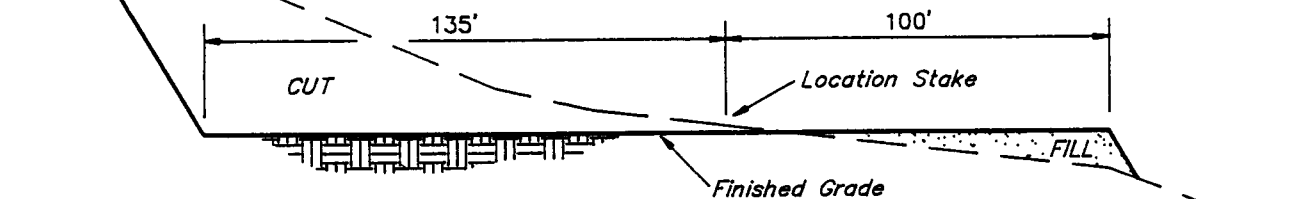


DATE: 4-10-94

Drawn By: J.R.S.

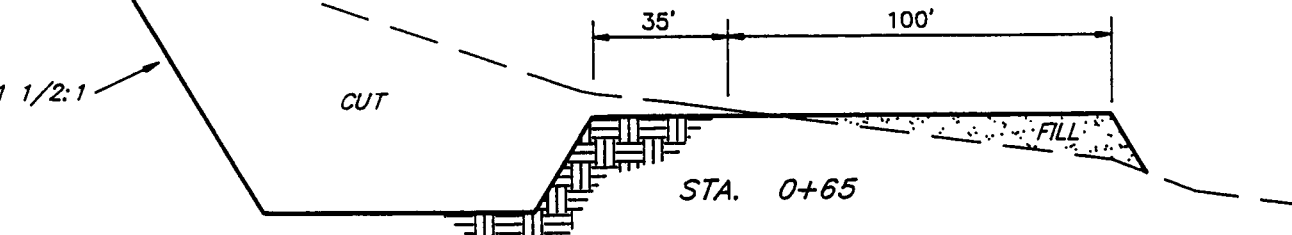


STA. 3+25



STA. 1+50

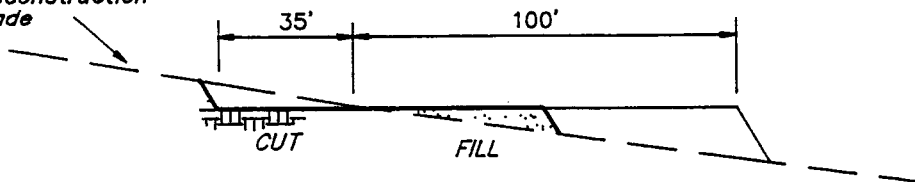
Slope = 1 1/2:1
(Typ.)



STA. 0+65

Preconstruction
Grade

Topsoil should not be
stripped below finished
grade on substructure area.



STA. 0+00

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,080 Cu. Yds.

Remaining Location = 13,100 Cu. Yds.

TOTAL CUT = 14,180 CU.YDS.

FILL = 1,700 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION

= 12,390 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.)

= 2,430 Cu. Yds.

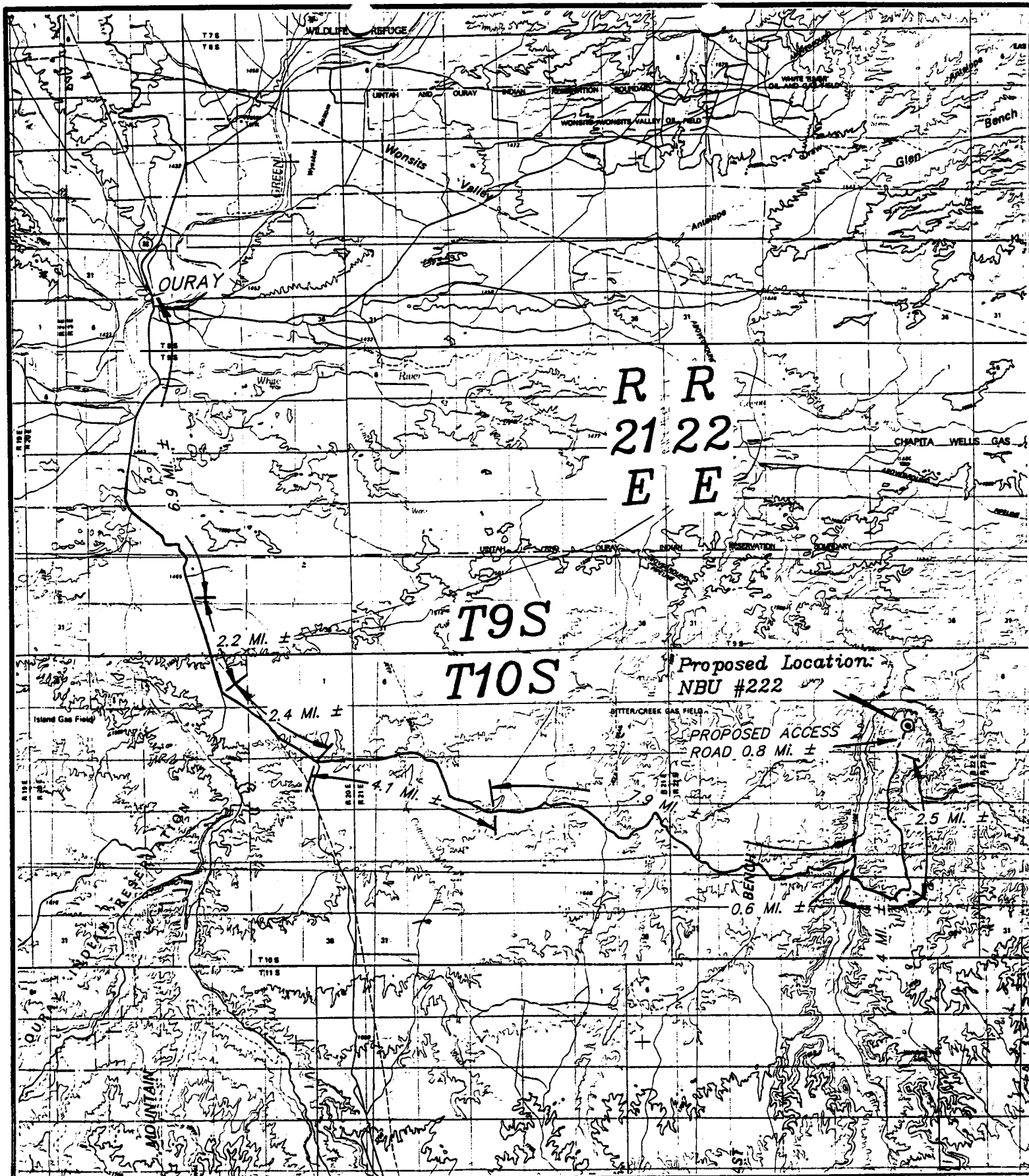
EXCESS UNBALANCE
(After Rehabilitation)

= 9,960 Cu. Yds.

FIGURE #2

UINTAH ENGINEERING & LAND SURVEYING

85 South, 200 East Vernal, Utah (801) 789-1017



TOPOGRAPHIC
MAP "A"

DATE 4-11-94 D.J.S

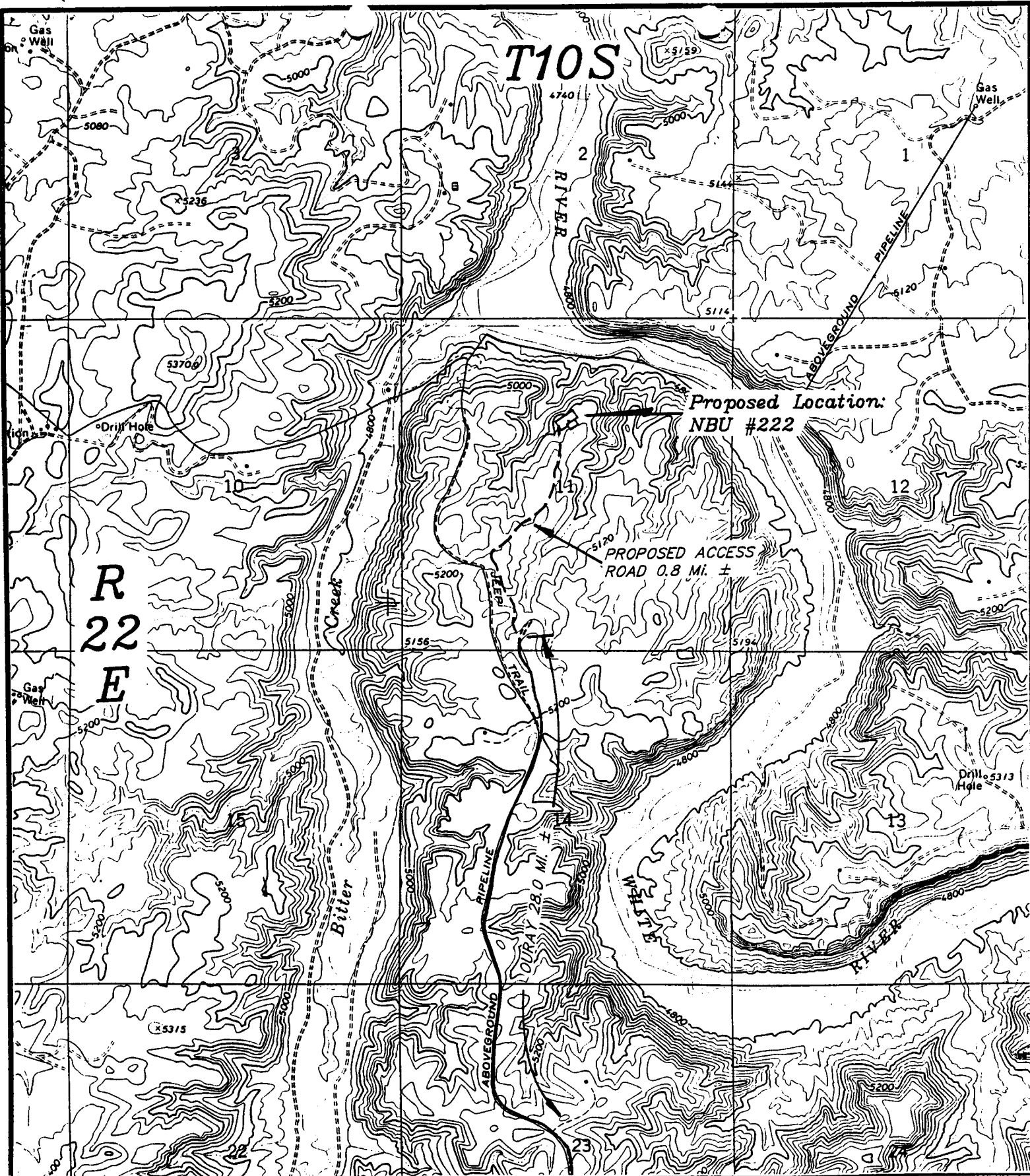


COASTAL OIL & GAS CORP.

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL



TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE 1-7-94 D.J.S.

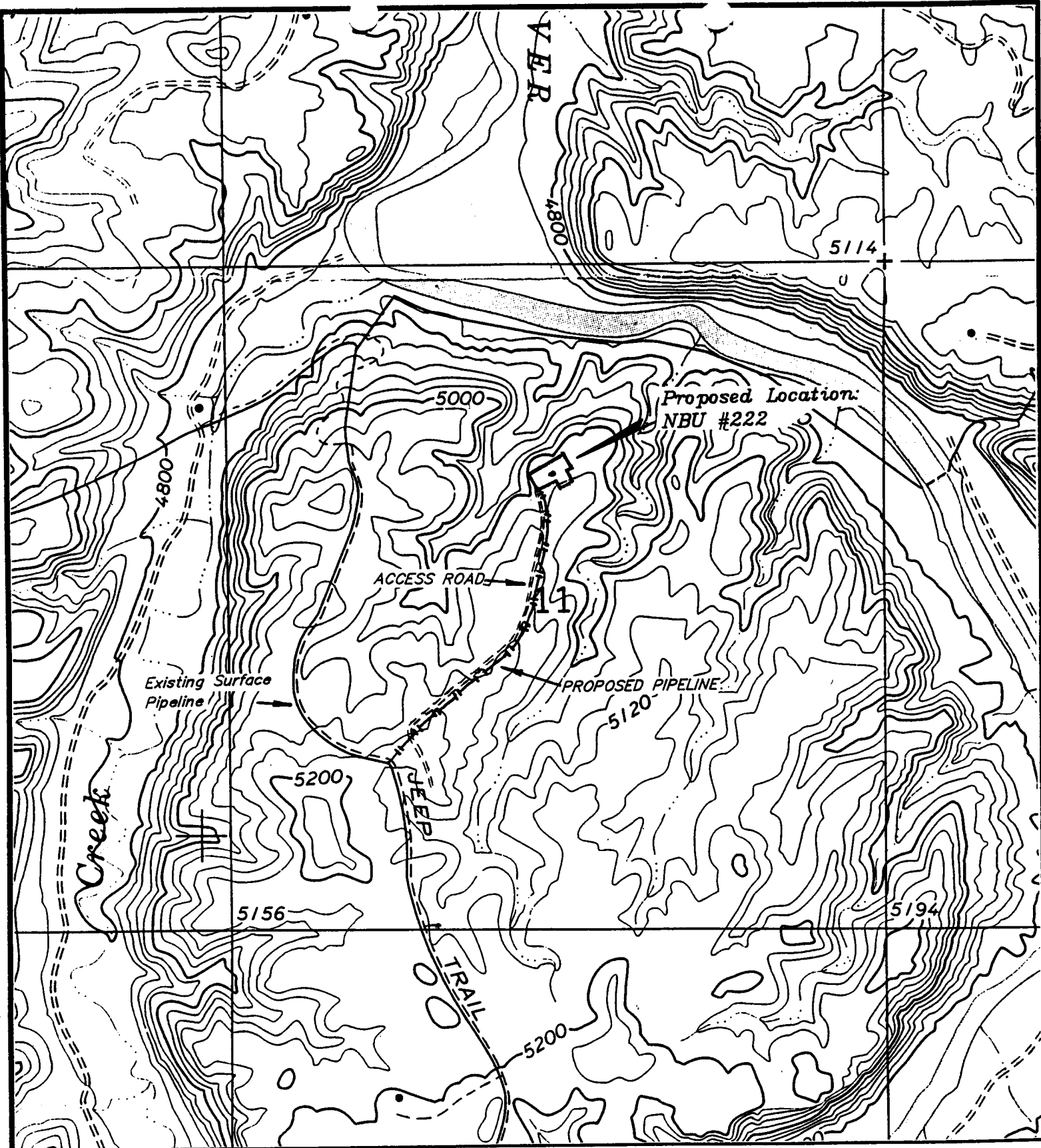


COASTAL OIL & GAS CORP.

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL



TOTAL PIPELINE SLOPE DISTANCE = 2,667'

TOPOGRAPHIC
MAP "D"

DATE 4-12-94 J.R.S.

———— = Existing Pipeline
 - - - - - = PROPOSED PIPELINE



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.
 1667' FNL 2602' FEL



M A C

Metcalf Archaeological Consultants, Inc.

April 8, 1994

Mr. Joseph J. Adamski
Coastal Oil and Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-33B6 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City
Lisa Smith, Permitco
Betsie Chapoose, Cultural Rights & Protection
Ferron Secakuku, Energy and Minerals
Pat Padilla, Energy and Minerals
Business Council, Ute Tribe
Dale Hanberg, BIA, Ft. Duchesne
Norman Cambridge, BIA, Ft. Duchesne
Amy Huslein, BIA, Phoenix

enclosures



Class III Cultural Resource Inventory of Coastal Oil
and Gas Corporation's Proposed NBU #222 Well Pad,
Access Road, and Pipeline
Uintah County, Utah

by
Dulaney Barclay

Michael D. Metcalf
Principal Investigator

Prepared for
Coastal Oil and Gas Corporation
Nine Greenway Plaza, Suite 474
Houston, TX 77046

Prepared by
Metcalf Archaeological Consultants, Inc.
P. O. Box 899
Eagle, CO 81631

Project Number U-94-mm-164(s)

April 1994

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) of Eagle, Colorado performed a Class III cultural resource inventory of Coastal Oil & Gas Corporation's proposed NBU #222 well pad, access road location, and pipeline in section 11, of T.10S, R.22E, Uintah County, Utah (Figure 1). The project area is located in the Bitter Creek Gas Field south of the town of Vernal, Utah. The entire project area is located on lands administered by the State of Utah.

The well pad is to be located in the E $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$ and the W $\frac{1}{2}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$ of section 11. The access road to the pad begins at the existing access road for NBU #153 in the SW $\frac{1}{4}$ of section 11, and runs north/northeast along the top of a narrow ridge to the pad location on the end of the ridge overlooking the White River. The proposed pipeline parallels the access road approximately 20 feet (6m) east of the centerline. The access road and pipeline are approximately 0.5 miles in length (2500'). A ten acre block was surveyed for the pad location centered on the staked well location, and a 100 foot-wide corridor was covered for the access and pipeline corridor. In all, 15.6 acres were inventoried during this investigation.

The only cultural resource located during the investigation was a stone cairn with a wooden post in the middle (IF NBU #222-1). The cairn is however located outside of the project area, and will not be impacted by the proposed project construction. It was recorded as an isolated find and as such is not eligible to the National Register of Historic Places (NRHP).

The well pad, access road and pipeline were surveyed on April 4, 1994 by MAC archaeologist Dulaney Barclay. All field notes, maps, and pertinent information are on file in the MAC office in Eagle. This cultural resource inventory was carried out under Utah state permit U-MM-94.

File Search

A file search was conducted through the Division of State History in Salt Lake City on April 1, 1994. It revealed that four surveys had previously been performed and two sites had been recorded (42UN671 and 42UN1898) in section 11, T.10S, R.22E. Site 42UN671 is a rock art site recorded in 1978 near the mouth of Bitter Creek in the NW $\frac{1}{4}$ of section 11. Site 42UN1898 is a circular rock structure located in the NE $\frac{1}{4}$ of section 11 (Figure 1). It is composed locally available sandstone slabs stacked up to five stone high. The site was interpreted to be a possible traditional Native American property and was considered significant and eligible to the NRHP (Scott 1991). Paleontological surveys have also identified and inventoried vertebrate fossils within the outcropping Uinta Formation in section 11.

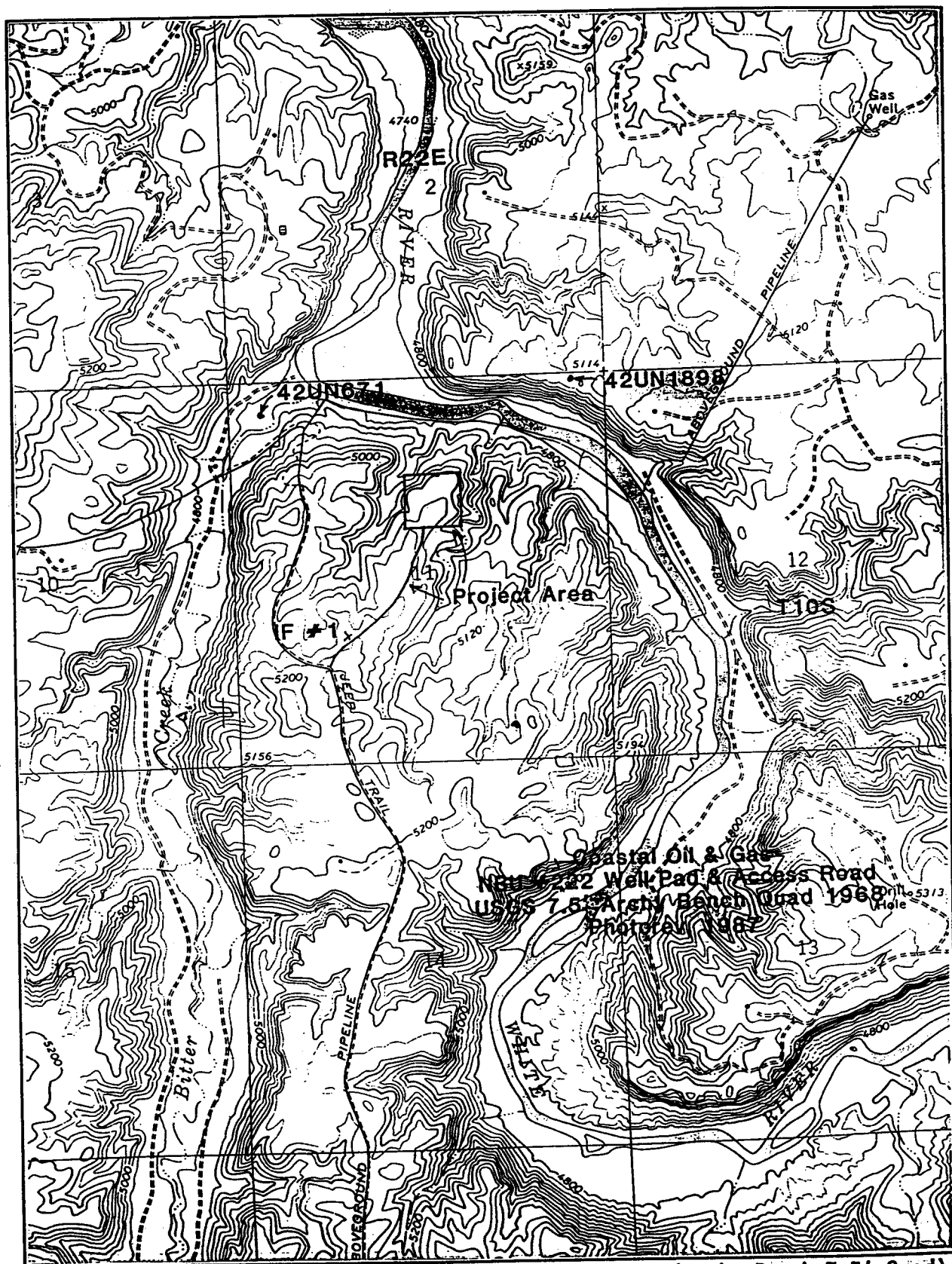


Figure 1 Project and Cultural Resource Location Map (Archy Bench 7.5' Quad)

Environment

The project area is located within the Uinta Basin geographic unit on the extreme northern end of Archy Bench, directly overlooking the White River. The general physiography of the area can be characterized as a broad upland area that has been heavily dissected by numerous seasonal drainages that flow north and east into the White River. The resulting topography is a system of ridges, buttes, and knobs bounded by steep-sided gullies and draws. The project area is located on small bench on the extreme northern end of a narrow, linear ridge overlooking the White River. The ridge rises to the south in a series of small benches towards the top of Archy Bench. Numerous small gullies and draws dissect the east and west sides of the ridge.

Geologically, the project area is underlain by the Eocene aged Uinta and Green River Formations. The Uinta Formation containing vertebrate fossils caps the tops of the ridges and buttes in the area while the older Green River Formation outcrops in the dry gullies and draws. The soil in the project area is thin and consists of a very gravelly, brown, fine-sandy loam.

Vegetation in the project area was sparse with coverage not exceeding 20%. Low sagebrush and grasses (bunch and rice) were predominate, but greasewood, rabbitbrush, and Scarlet gilia were also noted during the survey.

Field Methods

The pad area was surveyed as a 10 acre block centered on the staked drill location by walking parallel transects spaced no more than 15 meters apart. The access road and pipeline corridor were surveyed by walking one zig-zag transect 50 feet wide (15m) on each side of the staked access road centerline. The 50' wide (15m) zig-zag transect on the east side of the access road provided a wide enough corridor to include coverage for the staked pipeline located 20 feet (6m) from the staked centerline of the access road. Special attention was given to areas on the pad location with good overlook characteristics of the White River below.

When cultural resources were encountered, the surrounding area was intensively inspected for additional resources and their locations marked. It was then determined if the the resource should be classified as a isolated find or a site according to State of Utah criteria. The resource was recorded on the appropriate forms, and its relationship to the proposed project area determined. If the resource was to be impacted by the proposed construction, a representative of Uintah Engineering and Land Survey (UELS) was notified so the pad or access could be moved to a different location.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/21/94

API NO. ASSIGNED: 43-047-32509

WELL NAME: NBU 222
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:
SWNE 11 - T10S - R22E
SURFACE: 1667-FNL-2602-FEL
BOTTOM: 1667-FNL-2602-FEL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA
LEASE NUMBER: U-01194-A-ST

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	<i>JAM</i>	4/28/94
Geology	<i>DJ</i>	7/28/94
Surface	<i>PA</i>	4/12/94

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number CO-0018)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 49-111)
☒ RDCC Review (Y/N)
(Date:)
☒ Cultural Resource Inventory

LOCATION AND SITING:

☒ R649-2-3. Unit: Natural Buttes
☐ R649-3-2. General.
☐ R649-3-3. Exception.
☐ Drilling Unit.
Board Cause no:
Date:

COMMENTS: ~~Location needs administrative exception for~~
~~spacing for tubulars.~~

STIPULATIONS: ~~SEE ATTACHED PRE-SITE EVALUATION FORM.~~

1. The entire location will be surrounded by an 18" soil berm.
2. The reserve pit will be lined with a synthetic liner of minimum 12 mil thickness

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: Coastal Oil & Gas Corp. WELL NAME: NBU 222
SECTION: 11 TWP: 10S RNG: 22E LOC: 1667 NW 1/4 2602 FEL
QTR/QTR SW/NE COUNTY: Uintah FIELD: Natural Buttes
SURFACE OWNER: State of Utah
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL
INSPECTOR: David W. Hackford DATE AND TIME: 4/12/94 10:00 AM
PARTICIPANTS Lisa Smith, Robert Kay, Paul Breshears, David
Hackford.

REGIONAL SETTING/TOPOGRAPHY

Site is located on top of a ridge jutting into the White River Canyon. The ridge top is relatively flat and 600' wide at the site. Site is 200' from the point of the ridge.

LAND USE:

CURRENT SURFACE USE: Grazing for domestic livestock, deer, and other wildlife.

PROPOSED SURFACE DISTURBANCE: Location 200' by 325'. Reserve pit will be cut, and 16' road access.

AFFECTED FLOODPLAINS AND/OR WETLANDS: This site is on a sharp ridge and would never flood. The White River is 1/2 mile from site but approx. 300' lower in elevation.

FLORA/FAUNA: Sage brush, native grasses and greasewood. Fauna includes deer, antelope, rabbits, coyotes, reptiles, small indigenous birds, raptors.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Light sandy soil.

SURFACE FORMATION & CHARACTERISTICS:

EROSION/SEDIMENTATION/STABILITY: Major erosion within the White River Canyon but site is stable.

PALEONTOLOGICAL POTENTIAL: None

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Wasatch formation at plus or minus
6900'.

ABNORMAL PRESSURES-HIGH AND LOW: None expected.

CULTURAL RESOURCES/ARCHAEOLOGY: There is no cultural resource
interest in this area.

CONSTRUCTION MATERIALS: Location will be constructed with
materials at the site using cut and fill as necessary.

SITE RECLAMATION: As required by State Lands.

RESERVE PIT

CHARACTERISTICS: 100' by 100' and 10' deep. Located south
east of wellhead.

LINING: A 12 mil plastic liner will be required.

MUD PROGRAM: Hole will be drilled using air, aerated water, and
air mist.

✓ DRILLING WATER SUPPLY: Uintah # 1.

OTHER OBSERVATIONS

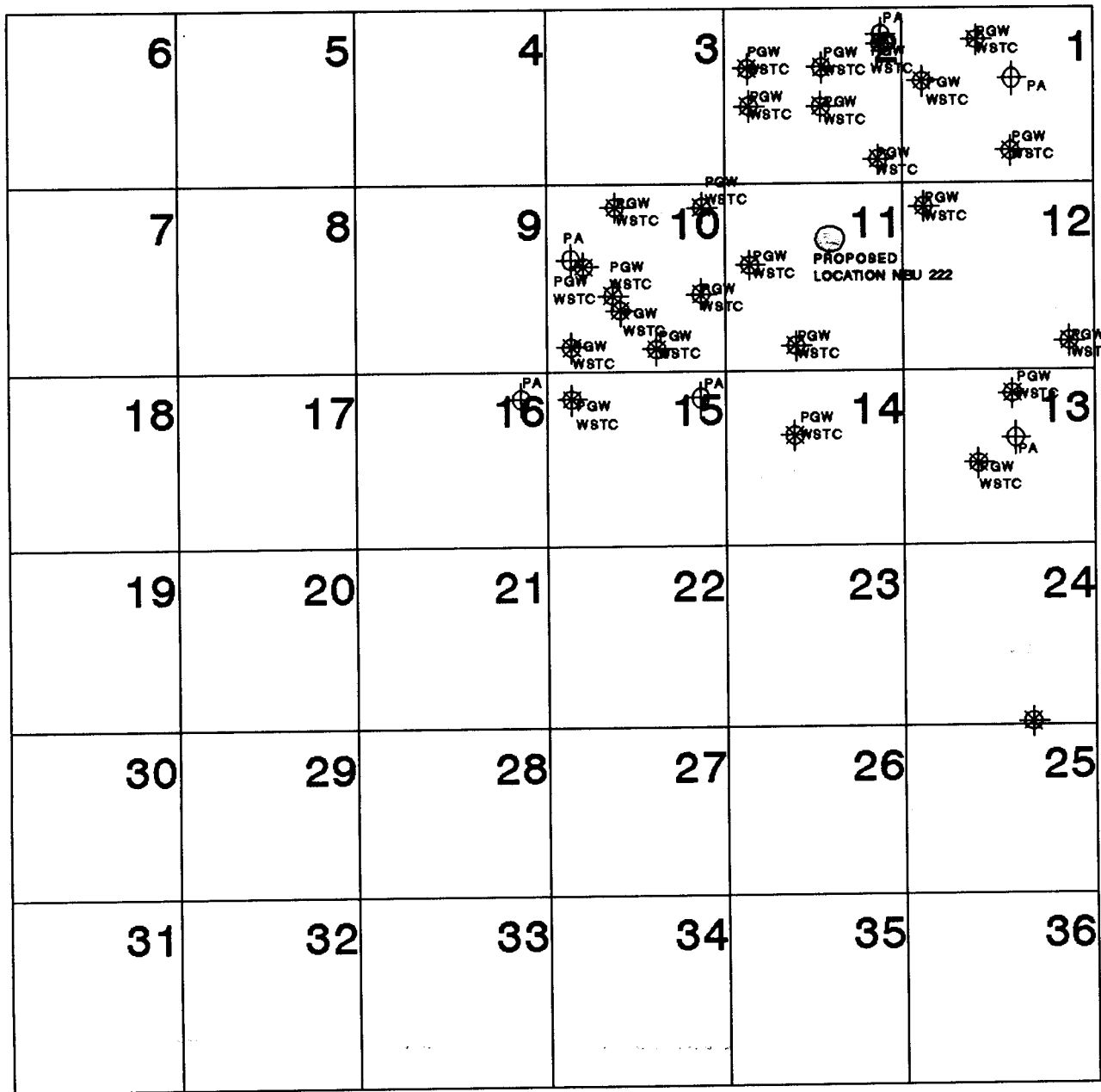
Site has sharp canyon walls on three sides. The White River
Canyon is used by river runners, hikers, and backpackers and
has been considered for wilderness status.

STIPULATIONS FOR APD APPROVAL

No fill used in construction of reserve pit. Pit must be lined,
and entire location must be surrounded with an 18" berm.

ATTACHMENTS

Three maps, cut and fill sheet, and site located on section sheet.
Photos will be placed on file.



T
10
S

R 22 E



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 28, 1994

Coastal Oil & Gas Corporation
600 - 17th Street, Suite 800 S
Denver, Colorado 80201-0749

Re: NBU #222 Well, 1667' FNL, 2602' FEL, SW NE, Sec. 11, T. 10 S., R. 22 E.,
Uintah County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. The entire location will be surrounded by an 18" soil berm.
2. The reserve pit will be lined with a synthetic liner of minimum 12 mil thickness.
3. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
4. Notification to the Division within 24 hours after drilling operations commence.
5. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
6. Submittal of the Report of Water Encountered During Drilling, Form 7.



Page 2
Coastal Oil & Gas Corporation
NBU #222 Well
April 28, 1994

7. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
8. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32509.

Sincerely,



R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WOI1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-01194-A-ST

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil

Well ☒

Gas

Well ☐Other ☐

Single

Zone ☒

Multiple

Zone ☐

2. Name of Operator **303/573-4476 600-17th St., Suite 800 S**
Coastal Oil & Gas Corporation Denver, CO 80201-0749
 3. Address of Operator **303/452-8888 13585 Jackson Drive**
Permitco Inc. - Agent Denver, CO 80241

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface

1667' FNL and 2602' FEL
SW NE Sec. 11, T10S - R22E

At proposed prod. zone

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. Unit Agreement Name

Natural Buttes

8. Farm or Lease Name

NBU

9. Well No.

#222

10. Field and Pool, or Wildcat

Natural Buttes

11. Sec., T., R., M., OR Bld.

and Survey or Area

Sec. 11, T10S - R22E

14. Distance in miles and direction from nearest town or post office*

23 miles southeast of Ouray, UT

12. County or Parish

Uintah

13. State

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.

(Also to nearest drig. line, if any)

1667'

16. No. of acres in lease

1674.5

17. No. of acres assigned
to this well

40

18. Distance from proposed location *

to nearest well, drilling, completed,

or applied for, on this lease, ft.

Approx. 1200' SW

19. Proposed depth

6800'

20. Rotary or cable tools

Rotary

21. Elevation (Show whether DF, RT, GR, etc.)

5034' GR

22. Approx. date work will start*

Upon approval of this application

23.

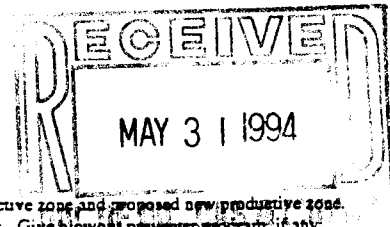
PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	250'	155 cubic feet or suffic to circ to sur
7-7/8"	5-1/2"	17#	6800'	1723 cubic feet or suffic to cover zones of interest.

Coastal Oil & Gas Corp. proposes to drill a well to 6800' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See Drilling Plan attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under their Nationwide Bond #CO-0018.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

Consultant for:

Signed

Title Coastal Oil & Gas Corp.

Date 4/19/94

(This space for Federal or State office use)

Permit No.

43-047-32509

Approval Date

Approved by

ACCEPTED BY BLM FOR

Title

Date

MAY 25 1994

Conditions of approval

UNIT PURPOSES ONLY

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL OIL/GAS

WELL NAME: NBU 222

API NO. 43-047-32509

Section 11 Township 10S Range 22E County UINTAH

Drilling Contractor COASTAL DRIL

Rig # 1

SPUDDED: Date 8/2/94

Time 11:00 AM

How DRY HOLE

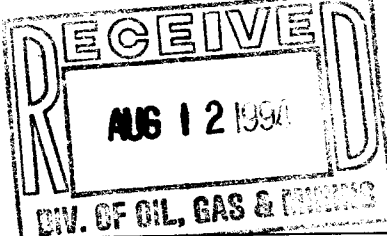
Drilling will commence

Reported by LARRY TAVAGIA

Telephone #

Date 8/2/94 SIGNED DWH

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6



OPERATOR Coastal Oil & Gas Corporation
ADDRESS P.O. Box 749
Denver, CO 80201-0749

OPERATOR ACCT. NO. N 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A			43-047-32513	COG #6-18-9-21 GR	SENW	18	9S	21E	Uintah	8/5/94	8/5/94
WELL 1 COMMENTS: (Coastal)											
A	99999	02900	43-047-32509	NBU #222	SWNE	11	10S	22E	Uintah	8/3/94	8/3/94
WELL 2 COMMENTS: (Coastal) <i>Entity added 8-16-94. fee (Natural Buttes Unit)</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

[Signature]
Signature

Sr. Drilling Secretary 08/10/94
Title Date

Phone No. (303) 573-4433

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:
Coastal Oil & Gas Corporation

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well
Footages: 1667' FNL & 2602' FEL
SW NE Section 11-T10S-R22E
QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allocated or Tribe Name:
N/A

7. Unit Agreement Name:
Natural Buttes

8. Well Name and Number:
NBU #222

9. API Well Number:
43-047-32509

10. Field and Pool, or Wildcat:
Natural Buttes

County: Uintah
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input checked="" type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change existing APD depth to 9700'. This will allow for testing the Wasatch and Mesaverde Formations using the following casing programs:

Hole Size	Csg Size	WT	Grade	Depth	Cement
12 1/4"	9-5/8"	24#	K-55	0-250'	Surface
8-3/4"	7"	26#	S-95	0-7500'	1500-7500'
6-1/8"	5" Liner	15#	L-80	7200-9700'	7200-9700'

13.

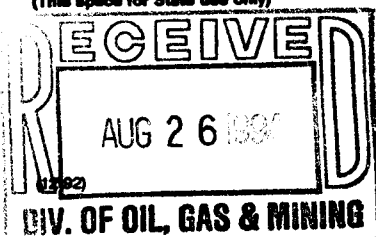
Name & Signature: *N.O. Shiflett*

N.O. Shiflett
Dist. Drlg. Mgr.

Title:

Date: 8/23/94

(This space for State use only)



APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8/29/94

BY: *[Signature]*

(See Instructions on Reverse Side)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

1667 FNL & 2602' FEL

QQ, Sec., T., R., M.:

SW/NE Section 11, T10S-R22E

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Spud Notice</u> | |

Date of work completion 8/3/94

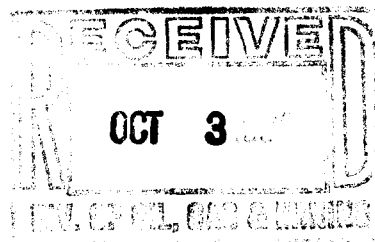
Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud well @ 10:00 AM on 8/3/94 w/Leon Ross Drlg. Drill 12-1/4" hole to 250'. RIH w/6 jts 36# csg. Cmt cag w/Howco w/140 sx Type V Prem+ cmt w/additives. Cmt to surf. Set @ 247' GL.

Drlg, spud well @ 2:30 AM w/CoastalDril #1 on 9/19/94. Drilling ahead.



13.

Name & Signature:

Bonnie Johnston

Title: Environmental Analyst

Date: 09/30/94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OCT 6 1994

4. Lease Designation and Serial Number:

U-01194-A-ST

5. If Indian, Allottee or Tribe Name:

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1667 FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.: SW/NE Section 11, T10S-R22E

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Drilling Operations</u> | |

Date of work completion 10/1/94

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for drilling operations completed in the subject well.

13.

Name & Signature:

N.O. Shiflett

N.O. Shiflett

Title: District Drilling Manager

Date: 10/04/94

(This space for State use only)

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #222

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

CoastalDril #1

WI: 100% COGC AFE: 14687

ATD: 6,700' SD: 9/19/94

Csg: 9 5/8" @ 259', 7" @ 6896'

DHC(M\$): 191.0

8/8/94 259' KB WORT. Spud well @ 10:00 AM on 8/3/94 w/Leon Ross Drlg. Drill 12 1/4" hole to 250'. RIH w/6 jts 9 5/8" 36# 8RD ST&C csg, tally ran = 247.84'. Cmt csg w/Howco w/140 sx Type V Prem + cmt w/2% CaCl₂, 1/4#/sx Flocele, yld 1.18, WT 15.6. Displ w/18 bbls H₂O, circ 7 bbls cmt to pit, ran 3 cent, set @ 247' GL. TOC ±230'. CIP @ 12:30 PM on 8/4/94. CC: \$55,117.

9/19/94 500' Drlg, spud well @ 2:30 AM on 9/19/94. 241' 3 1/2 hrs. RD, MI, RURT, 17.6 mi move. NU BOPE, test to 2000 psi, ok; hydril & csg to 1500 psi, ok. SLM, PU BHA & rot hd, blow hole. Drill cmt & shoe, TOC 245'. Drlg. Air 4 hrs. Air mist. CC: \$109,286.

9/20/94 1850' Drlg. 1350'/22 1/2 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg, svy. Drlg. Hit H₂O @ 1155', xo to aerated H₂O @ 1336'. Air 24 hrs. Svys: 1/2° @ 513', 1/2° @ 1556'. CC: \$119,716.

9/21/94 2900' Drlg thru chk. 1050'/23 1/2 hrs. Drlg, RS, blank off FL. Drlg thru chk. Drlg breaks @ 2270'-2300' (much gas), 2713'-2720', 2729'-2740' & 2773'-2781'. Well kicked after drlg 2270'-2300' break. Shut off air @ 2302', 3:00 PM, gained 2' in reserve pit in 2 hrs. Blank off Blooie line. Drill thru 2 chks, both full open, still gaining in pit. Drill w/1 chk closed, 1 full open, 75 psi annulus, hole taking some fluid, 25'-30' flare. Air 9 1/2 hrs. Aerated H₂O/H₂O. CC: \$128,170.

9/22/94 3775' Drlg thru chk, 25' flare. 875'/23 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg w/both chks open, 50 psi on annulus, 25'-30' flare. Drlg break 3165'-3172'. H₂O. Svy: 1 3/4° @ 4286'. CC: \$144,935.

9/23/94 4450' Drlg. 675'/22 1/2 hrs. Drlg, RS, check BOP's. Drlg, hook up FL svy. Drlg. 25' flare, 20 psi annulus. Air 12 hrs. Aerated H₂O. Svy: 1 3/4° @ 4268'. CC: \$159,345.

9/24/94 4800' Drlg. 350'/15 1/2 hrs. Drlg, drop svy, TFNB #2. Pull rot table, change rot hd. TIH, kill well @ 900' & 2400'. W&R to btm, 60' fill. Drlg. Drlg breaks 4574'-4586', 4653'-4660'. 15' flare, 32 PPM H₂S svy, H₂S 8 PPM @ handrail w/fan blowing. Oilind on loc. Ray Herrera & crew H₂S trained. Air 12 hrs. Aerated DAP H₂O 6# bbl. Svy: 1 1/2° @ 4486'. CC: \$176,506.

9/25/94 5285' Drlg. 485'/23 1/2 hrs. Drlg, RS. Drlg. Air 24 hrs. Aerated DAP H₂O 6# bbl. CC: \$186,947.

9/26/94 5690' Drlg. 405'/23 hrs. Drlg, RS, check BOP's. Drlg, svy. Drlg. No drlg breaks. H₂S @ handrails 2 PPM, H₂S @ shaker 4 PPM. Air 24 hrs. Aerated 6# bbl DAP H₂O/6# DAP H₂O. Svy: 1 1/4° @ 5488'. CC: \$197,349.

9/27/94 6002' TIH w/bit #3. 312'/18 1/2 hrs. Drlg, RS. Drlg. Drop svy, TFNB #3. Drlg break 5752'-5770'. H₂S 200 PPM @ shaker, 8 PPM @ handrail. Bug fans blowing gas away from rig. 1 fan @ cellar, 1 fan @ shaker, 1 fan @ floor. Air 24 hrs. Aerated DAP H₂O/DAP H₂O 6# bbl. Svy: 1 1/4° @ 5957'. CC: \$214,047.

9/28/94 6440' Drlg. 438'/21 1/2 hrs. TIH. Fill pipe, wash 70' to btm. Drlg, RS, check BOP. Drlg. H₂S 10 PPM @ shaker, 0 @ handrail, 10' flare. Air 24 hrs. Aerated DAP H₂O @ 6# bbl. CC: \$224,777.

9/29/94 6900' Short trip for logs. 460'/21 1/2 hrs. Drlg, RS, check BOP, change rot hd rubber. Drlg. Circ, short trip 30 stds to 4050'. Drlg break 6709'-6716'. Flare 10-15'. H₂S @ end flare line when flare went out, 500 PPM, handrail 0 PPM. Air 24 hrs. Aerated DAP H₂O 6# bbl. CC: \$237,876.

9/30/94 6900' TIH w/ DP. Short trip, good. Fill pipe, wash 60', 4' fill. Displ hole w/400 bbls salt mud. TOO H for logs, SLM, no corr. WO loggers. RU HLS, run DSN/CDL-GR-Cal TD-2200', DLL-GR TD-surf. RU Schlumberger, run Diapol Sonic-GR 6860'-3900'. 8'-10' flare while logging, 2 PPM H₂S @ packoff. MW 10, vis 38, FL 14. CC: \$264,927.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #222
Natural Buttes Field
Uintah County, UT

PAGE 2

10/1/94 6900' Rig rel @ 4:30 AM on 10/1/94, RDRT, raining. TIH, WO LD crew, muddy roads. LDDP & DC's. RU csg tools, RIH w/159 jts 7" 23# CF-95 8RD LT&C csg, tally ran = 6909.90'. Circ csg w/rig pmp, wash 65' to btm. RU Howco, pmp 30 bbls Super Flush, mix & pmp 1950 sx 50/50 Poz w/2% gel, 0.5% Halad 322, 0.4% Super CBL, 1/4#/sx Flocele, 10% salt. Displ w/270 bbls H₂O. Bump plug to 4000#, 500# over, floats held. RD Howco. Press ind poss bridging. Set csg slips w/130,000#. ND BOPE. Cut off csg, clean mud tanks. Rig rel @ 4:30 AM on 10/1/94. RDRT, trucks cancelled due to rain, will move to NBU #221X when weather permits. CC: \$409,690.

10/4/94 Cost Update. CC: \$413,909. FINAL DRILLING REPORT.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center">Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p>		5. Lease Designation and Serial Number: U-01194-A-ST
		6. If Indian, Allottee or Tribe Name: N/A
		7. Unit Agreement Name: Natural Buttes
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	8. Well Name and Number: NBU #222	
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: 43-047-32509	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, or Wildcat: Natural Buttes	
4. Location of Well		
Footages: 1667' FNL & 2602' FEL		County: Uintah
QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E		State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Resume Drilling & Completion Operations</u> | |

Approximate date work will start 6/1/96

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

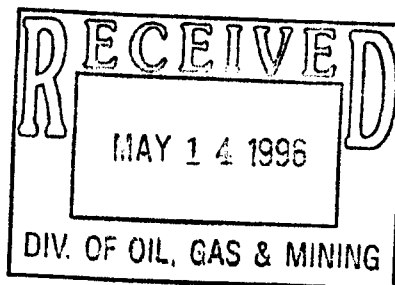
Date of work completion _____

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached drilling program for drilling operations to be performed from 6,900' to 9,250'. The well was originally permitted to 9,700'. Operations were suspended on 10/1/94 after drilling to 6,900' (see attached chronological history). The well has never been completed.



13.

Name & Signature: Sheila Bremer

Sheila Bremer

Title: Environmental & Safety Analyst Date: 05/13/96

(This space for State use only)

Matthew Petroleum Engineer 5/15/96
need to have H₂S sensors + trailer on location.

DRILLING PROGRAM

NATURAL BUTTES UNIT # 222
SWNE SECTION 11, T10S-R22E
UINTAH COUNTY, UTAH

1. Repair/build road, location and reserve pit.
2. MIRU drilling rig. Notify Utah Division of Oil, Gas and Mining within 24 hours of spudding. Have permit on rig floor.
3. Install 11" 5M x 7-1/16" 5M tubing head. NU and test 5000 psi BOPE. Test 7" casing to 2000 psi before drilling out float equipment at 6852'.
4. Drill 6-1/8" hole to a depth of 9250'.
5. After reaching TD, circulate and condition the mud to run production liner.
6. Run 4-1/2", 13.5 #/ft, N-80, LT&C liner from 6610' to 9250' (300' liner lap).

Required make up torque: Optimum: 2760 ft-lbs
Minimum: 2070 ft-lbs
Maximum: 3450 ft-lbs

Install float equipment, centralizers, turbolators and liner hanger per well plan. Thread lock float equipment and hanger. When casing tags bottom, pick up two feet, set liner and circulate capacity of casing and annulus to insure that the hole is clean and mud is conditioned. Cement with 193 sacks of Class "G" Self Stress at 14.2 ppg. Pull 10 stands and circulated out excess cement for a minimum of 5 hours while moving pipe to WOC. POOH. L/D drill pipe.

7. Move the drilling rig to next location or release rig. Prepare location for completion. Completion procedure to follow.

Robert Lovell skm

Prepared by: Date
Robert Lovell
Project Engineer

Keith Alverson 5/6

Reviewed by: Date
Keith Alverson
Drilling Manager

John Martin 5/6/96

Approved by: Date
John Martin
V.P. of Drilling

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	05/06/98
WELL NAME	Natural Buttes Unit #222	TD:	9250'
FIELD	Natural Buttes	COUNTY	Utah
LOCATION SURFACE	1667' FNL & 2602' FEL	STATE	Utah
OBJECTIVE ZONE(S)	Mesaverde	SWNE Section	11, T10S-R22E
		WATER DEPTH:	

[illegible]

RDL

PAGE 2

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

CASING and TUBING DESIGN

	SIZE	INTERVAL	LENGTH	WT.	GR.	CPLG.	DESIGN FACTORS		
							COL.	TENSION	BURST
DRIVE PIPE.....									
CONDUCTOR.....									
SURFACE.....	8-5/8"	0 - 250'	250'	38	K-55	STC			
INTERMEDIATE.	7"	0 - 6910'	6910'	23	CF-95	LTC			1.67
PRODUCTION....	4-1/2"	6610' - 9250'	2640'	13.5	N-80	LTC	1.77	7.50	2.32
TUBING.....	2-3/8"								

CEMENT PROGRAM

		FT. OF FILL		SACKS	CESS	WEIGHT	YIELD
CONDUCTOR	lead						
	tail						
SURFACE	lead						
	tail						
INTERMEDIATE	lead						
	tail						
PRODUCTION	lead						
	tail	2640'	Self Storage Class "G"	193	25	14.2	1.61

FLOAT EQUIPMENT and CENTRALIZER PROGRAMTYPE AND SPACING

CONDUCTOR	
SURFACE	
INTERMEDIATE	
PRODUCTION	Conventional fill float shoe, one joint float collar, one joint and landing collar. Centralizers (24): One 10' above shoe with stop collar, across float collar, across every two collars to 7400'. Turbolators (4): two above and below zone of interest.

WELLHEAD EQUIPMENT

SIZE & WP... 8-5/8" X 11" 5000 psi WP ? slip on weld casing head existing
 11" 5000 X 7-1/16" 5000 psi WP tubing head
 7-1/16" 5000 X 2-3/8" 5000 psi WP tree

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

MUD PROGRAM:

DEPTH INTERVAL TVD	TYPE	WT.	VISC.	WATER LOSS	TREATMENT
8910 - 9250'	LIGHTLY DISPERSED MUD	8.6 - 10.0	34 - 45	10	

REMARKS:

GEOLOGICAL DATA:

1. LOGGING: None

DEPTH	TYPE LOGS
8910' to TD	DIL-SP-GR
	NEUTRON-DENSITY
	SONIC

2. MUD LOGGER: TWO MEN
8910' to TD

3. SAMPLES: Geology

4. CORING: SIDEWALL CORES

5. DST: None

ADDITIONAL INFO:

WELL CONTROL: Test BOPs, choke manifold, lines and valves to 2000 psi prior to drilling out of 7" casing. Before drilling plug, pressure test 7" casing to 2000 psi, record test and pressure in IADC Tour Report. On each trip, function test blind and pipe rams, manifold and all valves. A safety valve and inside BOP should be on rig floor at all times. A kelly cock valve should be in the kelly

STRAIGHT HOLE SPECIFICATIONS: Surface to total depth - Deviation surveys every 500' and at all bit trips and casing points with maximum deviations from vertical 2-1/2 degrees, 1/4 degrees per 100' maximum angle change between any two surveys.

PROJECT ENGINEER: Robert Lovell

DATE: 05/02/98

APPROVED:

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #222

Natural Buttes Field

Uintah County, UT

CoastalDril #1

WI: 100% COGC AFE: 14687

ATD: 6,700' SD: 9/19/94

Csg: 9 5/8" @ 259', 7" @ 6896'

DHC(M\$): 191.0

SECTION 11-T10S-R22E

- 8/8/94 259' KB WORT. Spud well @ 10:00 AM on 8/3/94 w/Leon Ross Drlg. Drill 12 1/4" hole to 250'. RIH w/6 jts 9 5/8" 36# 8RD ST&C csg, tally ran = 247.84'. Cmt csg w/Howco w/140 sx Type V Prem + cmt w/2% CaCl₂, 1/4#/sx Flocele, yld 1.18, WT 15.6. Displ w/18 bbls H₂O, circ 7 bbls cmt to pit, ran 3 cent, set @ 247' GL. TOC ±230'. CIP @ 12:30 PM on 8/4/94. CC: \$55,117.
- 9/19/94 500' Drlg, spud well @ 2:30 AM on 9/19/94. 241'/3 1/2 hrs. RD, MI, RURT, 17.6 mi move. NU BOPE, test to 2000 psi, ok; hydrl & csg to 1500 psi, ok. SLM, PU BHA & rot hd, blow hole. Drill cmt & shoe, TOC 245'. Drlg. Air 4 hrs. Air mist. CC: \$109,286.
- 9/20/94 1850' Drlg. 1350'/22 1/2 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg, svy. Drlg. Hit H₂O @ 1155', xo to aerated H₂O @ 1336'. Air 24 hrs. Svys: 1/2° @ 513', 1/2° @ 1556'. CC: \$119,716.
- 9/21/94 2900' Drlg thru chk. 1050'/23 1/2 hrs. Drlg, RS, blank off FL. Drlg thru chk. Drlg breaks @ 2270'-2300' (much gas), 2713'-2720', 2729'-2740' & 2773'-2781'. Well kicked after drlg 2270'-2300' break. Shut off air @ 2302', 3:00 PM, gained 2' in reserve pit in 2 hrs. Blank off Blooie line. Drill thru 2 chks, both full open, still gaining in pit. Drill w/1 chk closed, 1 full open, 75 psi annulus, hole taking some fluid, 25'-30' flare. Air 9 1/2 hrs. Aerated H₂O/H₂O. CC: \$128,170.
- 9/22/94 3775' Drlg thru chk, 25' flare. 875'/23 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg w/both chks open, 50 psi on annulus, 25'-30' flare. Drlg break 3165'-3172'. H₂O. Svy: 1 3/4° @ 4286'. CC: \$144,935.
- 9/23/94 4450' Drlg. 675'/22 1/2 hrs. Drlg, RS, check BOP's. Drlg, hook up FL svy. Drlg. 25' flare, 20 psi annulus. Air 12 hrs. Aerated H₂O. Svy: 1 3/4° @ 4268'. CC: \$159,345.
- 9/24/94 4800' Drlg. 350'/15 1/2 hrs. Drlg, drop svy, TFNB #2. Pull rot table, change rot hd. TIH, kill well @ 900' & 2400'. W&R to btm, 60' fill. Drlg. Drlg breaks 4574'-4586', 4653'-4660'. 15' flare, 32 PPM H₂S avg. H₂S 8 PPM @ handrail w/fan blowing. Oilind on loc. Ray Herrera & crew H₂S trained. Air 12 hrs. Aerated DAP H₂O 6# bbl. Svy: 1 1/2° @ 4486'. CC: \$176,506.
- 9/25/94 5285' Drlg. 485'/23 1/2 hrs. Drlg, RS. Drlg. Air 24 hrs. Aerated DAP H₂O 6# bbl. CC: \$186,947.
- 9/26/94 5690' Drlg. 405'/23 hrs. Drlg, RS, check BOP's. Drlg, svy. Drlg. No drlg breaks. H₂S @ handrails 2 PPM, H₂S @ shaker 4 PPM. Air 24 hrs. Aerated 6# bbl DAP H₂O/6# DAP H₂O. Svy: 1 1/4° @ 5488'. CC: \$197,349.
- 9/27/94 6002' TIH w/bit #3. 312'/18 1/2 hrs. Drlg, RS. Drlg. Drop svy, TFNB #3. Drlg break 5752'-5770'. H₂S 200 PPM @ shaker, 8 PPM @ handrail. Bug fans blowing gas away from rig. 1 fan @ cellar, 1 fan @ shaker, 1 fan @ floor. Air 24 hrs. Aerated DAP H₂O/DAP H₂O 6# bbl. Svy: 1 1/4° @ 5957'. CC: \$214,047.
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COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #222

Natural Buttes Field
Uintah County, UT

PAGE 2

10/1/94 6900' Rig rel @ 4:30 AM on 10/1/94, RDRT, raining. TIH, WO LD crew, muddy roads. LDDP & DC's. RU csg tools, RIH w/159 jts 7" 23# CF-95 8RD LT&C csg, tally ran = 6909.90'. Circ csg w/rig pmp, wash 65' to btm. RU Howco, pmp 30 bbls Super Flush, mix & pmp 1950 sx 50/50 Poz w/2% gel, 0.5% Halad 322, 0.4% Super CBL, ¼#/sx Flocele, 10% salt. Displ w/270 bbls H₂O. Bump plug to 4000#, 500# over, floats held. RD Howco. Press ind poss bridging. Set csg slips w/130,000#. ND BOPE. Cut off csg, clean mud tanks. Rig rel @ 4:30 AM on 10/1/94. RDRT, trucks cancelled due to rain, will move to NBU #221X when weather permits. CC: \$409,690.

10/4/94 Cost Update. CC: \$413,909. FINAL DRILLING REPORT.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

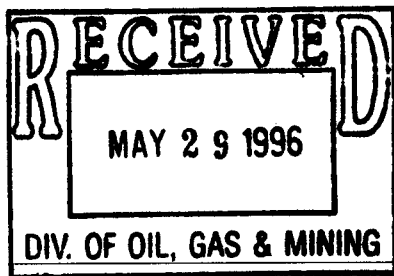
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		5. Lease Designation and Serial Number: U-01194-A-ST
		6. If Indian, Allottee or Tribe Name: N/A
		7. Unit Agreement Name: Natural Buttes
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: NBU #222	
2. Name of Operator: Coastal Oil & Gas Corporation		9. API Well Number: 43-047-32509
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749		10. Field and Pool, or Wildcat: Natural Buttes
4. Location of Well Footages: 1667 FNL & 2602' FEL QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E		County: Uintah State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>
Approximate date work will start <u>6/4/96</u>	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator requests permission to change pressure control equipment to 3,000 psi Shaffer 11" annular preventer, 11" double gate hydraulic BOP and change to an 11" 3,000# wellhead as Nabors' Rig #908 will be moved over from the Morgan State #2-36 to resume drilling operations on the NBU #222.



Name & Signature: _____

Sheila Bremer

Title: **Environmental & Safety Analyst** Date: **05/28/96**

(This space for State use only)

Matthew Petroleum Engineer

5/30/96

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: U-01194-A-ST
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: Natural Buttes
4. Location of Well Footages: 1667' FNL & 2602' FEL QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E	8. Well Name and Number: NBU #222 9. API Well Number: 43-047-32509 10. Field and Pool, or Wildcat: Natural Buttes
County: Uintah State: Utah	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Complete in Mesaverde | |

Approximate date work will start Upon approval

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

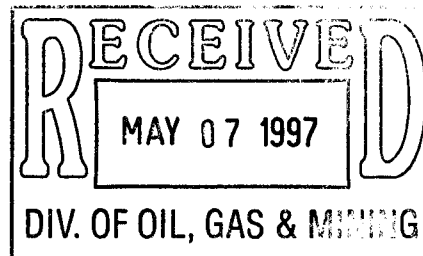
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure for completion operations to be performed on the subject well.



13.

Name & Signature:

Bonnie Carson

Bonnie Carson

Title Senior Environmental Analyst

Date

05/02/97

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5/7/97

BY: John K. Bay

REVISED

NBU #222-11-10-22
NATURAL BUTTES FIELD
SECTION 11 T10S R22E
COMPLETION PROCEDURE

WELL DATA

LOCATION: 1667' FNL 2602' FEL SEC. 11 T10S R22E
ELEVATION: 5034' GR., 5046' KB.
TD: 6900', PBSD 6801' (4/97)

CSG: 9 5/8", 36.0#, K-55 @ 248' w/ 140 SX.
7" , 23.0#, C-95 @ 6900' w/ 1950 SX.

DESCRIPTION	ID	DRIFT	CAPACITY (BPF)	BURST (PSI)	COLLAPSE (PSI)	TENSION (#)
7" C-95 23#	6.366	6.241	.03936	7,530	4,150	632,000
2-7/8" 6.4# N-80	2.441	2.347	.005794	10,570	11,160	145,000

TBG: NONE AT THIS TIME

COMPLETION PROCEDURE

1. MI & RU workover unit. NU BOP. NOTE: GR-CCL-CBL run (TOC @ 1400' & csg tested OK to 5000 psi (4/23/97). TIH w/ 2-7/8" tbg to PBSD. RU service company. Spot 736 gal 15% HCL acid w/ additives from 6300' - 6750'. POOH w/ tbg.
2. RU WL company. Perf stage #1 interval using 4" casing gun (2 JSFP) utilizing Halliburton's Comp. Den./DSN (9/94):
6478'-6479' 2'
6490'-6494' 5'
6506'-6510' 5'
6526'-6528' 3'
6704'-6708' 5'
6716'-6720' 5'
6 intervals - 25' (50 holes). When perforating, note any pressure changes on report.
3. PU WL re-entry guide, 1 jt 2-7/8" tbg, SN (2.31" ID) & TIH w/ 2-7/8" tbg to 6000'. Land tbg w/ blast jt @ surface. ND BOP. NU WH. RD pulling unit. Tbg head to have opposing ports (180) w/ flanged 2-1/16" 5M connections. RU flowback lines.
4. RU service company. Breakdown Stage #1 perf's (6478' - 6720') w/ 1470 gal. 15% HCL acid w/additives + 75 ball sealers (1.3 S.G) - evenly spaced. Surge perf's if necessary. Note rates & pressures. RD service company. Flow back well to clean up.

5. RU frac service. RU frac valves & PT lines. Frac perfs 6478' - 6720' down 7" csg with 165,000# 20/40 sand tagged w/ **IRIDIUM**. Frac program to follow. The following applies to each frac:
 - A. Max. surface pressure is 5000 psi.
 - B. Frac down annulus w/ tbg being dead string w/ 25# gel, Borate X-link.
 - C. While spotting pads, take returns on tbg to min. injected fluids.
 - D. Pump 25% pads and ramp 1-5 ppga stages.
 - E. In the event of screen out, reverse circulate excess slurry into the tbg & flow back 2 bottoms up on 24/64" choke.
 - F. Under displace each frac by 3 bbls.
6. Displace Stage #1 frac- spotting 630 gal. 15% HCL acid across perf interval 6254' - 6314'. Close well in & maintain pressure on well.
7. RU WL service. Perforate Stage #2 under lubricator w/ 2-1/8" magnetically decentralized 0° phasing w/ 2 spf. Depths correlate to Halliburton's Density/Neutron log (9/94):

6254'-6258'	5'
6268'-6272'	5'
6292'-6296'	5'
6310'-6312'	3'

4 intervals - 18' (36 holes). RD WL services.
8. RU frac services. Spearhead Stage #2 w/ 1260 gal. 15% acid in front of pad. Breakdown perf's & frac Stage #2 per schedule. Frac down csg w/ 120,000# 20/40 sand tagged w/ **SCANDIUM**. Frac notes as above.
9. Flowback per attached procedure.
10. Consult w/ Denver engineering to run production & tracer logs.

NBU #222-11-10-22
NATURAL BUTTES FIELD
SECTION 11 T10S R22E

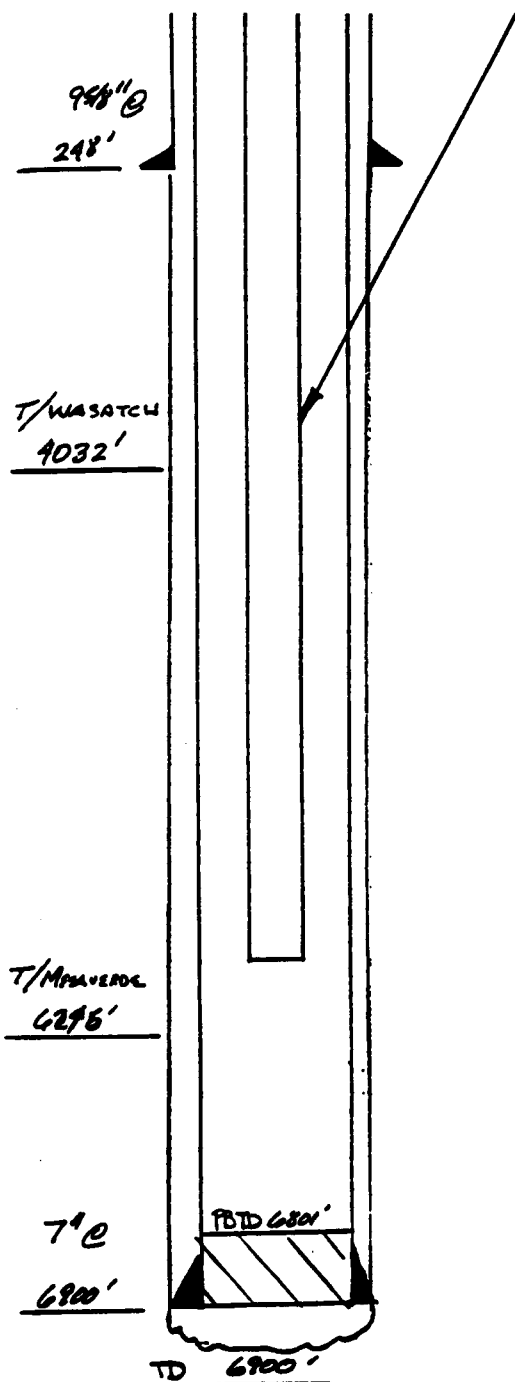
WELL DATA

LOCATION: 1667' FNL 2602' FEL SEC. 11 T10S R22E
ELEVATION: 5034' GR., 5046' KB.
TD: 6900', PBTD 6801' (4/97)

CSG: 9 5/8", 36.0#, K-55 @ 248' w/ 140 SX.
7" , 23.0#, C-95 @ 6900' w/ 1950 SX.

DESCRIPTION	ID	DRIFT	CAPACITY (BPF)	BURST (PSI)	COLLAPSE (PSI)	TENSION (#)
7" C-95 23#	6.366	6.241	.03936	7,530	4,150	632,000
2-7/8" 6.4# N-80	2.441	2.347	.005794	10,570	11,160	145,000

TBG: NONE AT THIS TIME



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☒GAS ☐

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages:

1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.:

SW/NE Section 11-T10S-R22E

State: Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO, lower tubing | |

Approximate date work will start

Upon approval

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

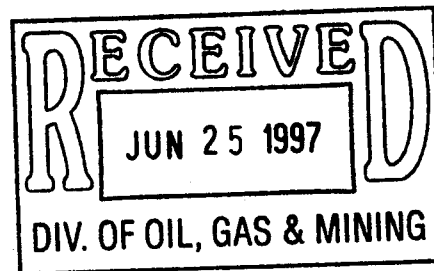
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure for operations to be performed on the subject well.



13.

Name & Signature:

Bonnie Carson

Title: Senior Environmental Analyst

Date

06/19/97

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6/27/97
BY: [Signature]

NBU #222-11-10-22
NATURAL BUTTES FIELD
SECTION 11 T10S R22E
WORKOVER PROCEDURE *HWM*

WELL DATA

LOCATION: 1667' FNL 2602' FEL SEC. 11 T10S R22E
ELEVATION: 5034' GR., 5046' KB.
TD: 6900', PBD 6801' (4/97)
CSG: 9 5/8", 36.0#, K-55 @ 248' w/ 140 SX.
7" , 23.0#, C-95 @ 6900' w/ 1950 SX.
CMT ANNULUS W/ 260 SX.
TBG: 2-7/8", 6.4#, N-80 @ 6013'
FORMATION: MESAVERDE (6254' - 6312') 1 SAND 36 HOLES
MESAVERDE (6478' - 6720') 3 SANDS 50 HOLES

COMPLETION PROCEDURE

1. MI & RU workover unit. Kill well w/ 2% KCL water. ND WH. NU BOP.
2. TIH w/ 2-7/8" tbg. Reverse circulate out sand from 6514' to 6750' (BP @ 6720').
3. PU & land tbg @ 6518'. ND BOP. NU WH.
4. RU swab unit. Swab/ flow to clean up. Return well to production.

DATE *****
 FOREMAN KB 4991 GL 4977
 WELL FIELD NATURAL BUTTES I #222

SECTION 11
 COUNTY UTAH
 STATE UT
 TWS: T10S
 RNG R22E

1667' FNL 2602' FEL

SPUD 8/8/94 COMPL 5/13/97

CASING RECORD

SIZE	WT	GRADE	THD	AI	CMT
9-5/8"	36.0#	K-55		248'	140 SX.
7"	23.0#	C-95		6900'	1950 SX.
		CMT ANNULUS			260 SX.

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-7/8"	6.4#	N-80		0'	6013'
JTS	SN	AC	MUD ANCHOR		
196	5980'		SIZE LGTH		

COMMENTS/PERFORATIONS:

MESAVERDE 6478' - 6720'	3 SANDS	46 HOLES
STAGE #1	PERF 2 SPF W	4" C.G.
6478-79'	6490-94'	6506-10'
6704-05'	6716-20'	

BD W/ 1099 GAL 15% HCL + 75 BS's
 FRAC'D W/ 169,000# SD + 74,800 GAL GEL
 SWAB/FLOWED

COMMENTS/PERFORATIONS:

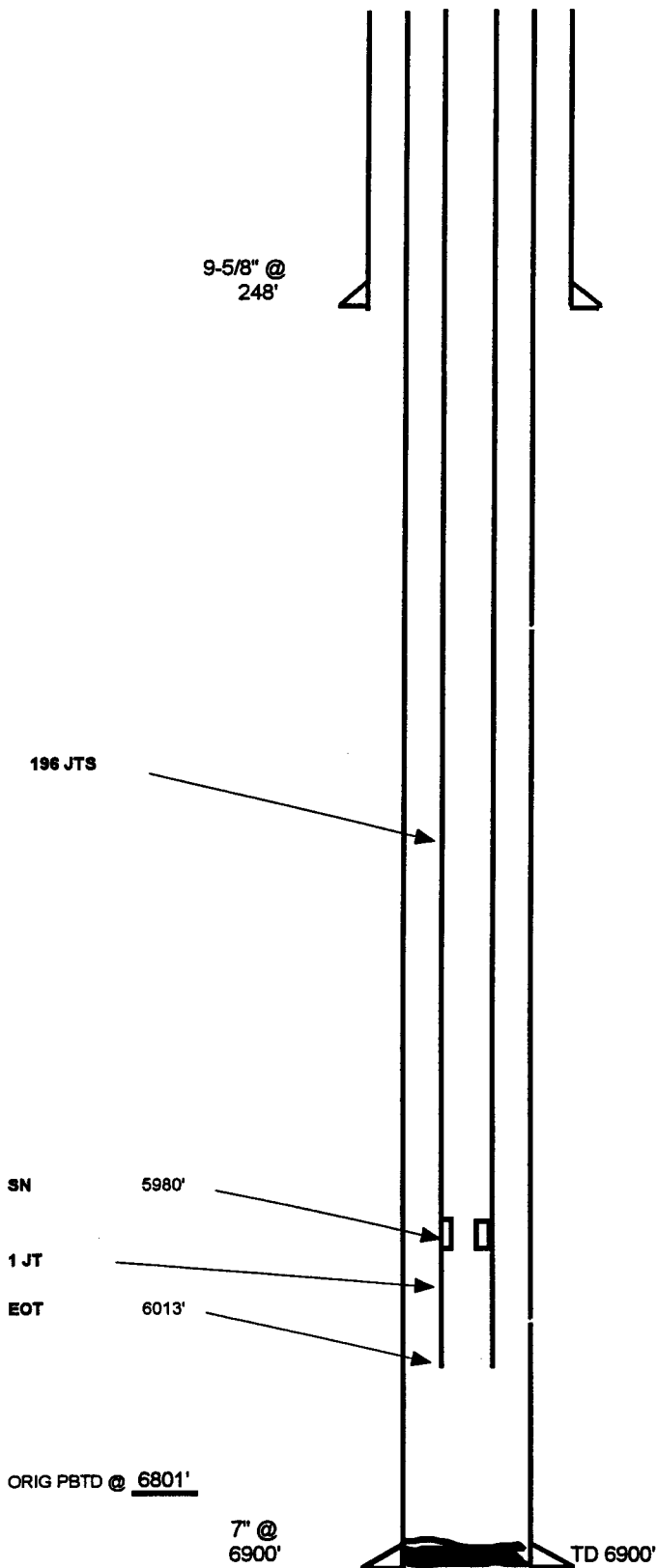
MESAVERDE 6254' - 6312'	2 SANDS	36 HOLES
STAGE #2	PERF 2 SPF W	2-1/8" TG
6254-58'	6268-72'	6292-96'
		6310-12'

SPEARHEADED W/ 1260 GALS 15% HCL
 FRAC'D W/ 128,680# SD + 58,000 GAL GEL
 FLOWED BACK

P.L. (6/03/97) 100% GAS + 100% WATER FROM PERF's 6478-79'

PBTD @ 6514' -20 OF 86 PERF's 6526-6720' COVERED

IPF (6/03/97) 386 MCF + 20 BC + 10BW 30/64" ck



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	5. Lease Designation and Serial Number: U-01194-A-ST
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: Natural Buttes
4. Location of Well Footages: 1667' FNL & 2602' FEL QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E	8. Well Name and Number: NBU #222 9. API Well Number: 43-047-32509 10. Field and Pool, or Wildcat: Natural Buttes
County: Uintah State: Utah	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Complete in Mesaverde | |

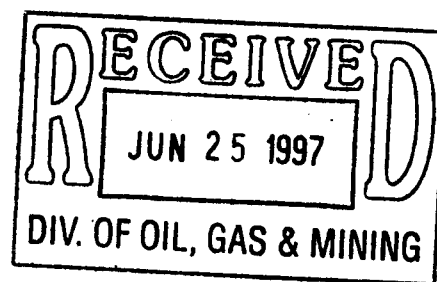
Date of work completion 5/29/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for completion operations performed on the subject well.



13. Name & Signature: Bonnie Carson Title: Senior Environmental Analyst Date: 06/19/97

(This space for State use only)

**COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS**

CHRONOLOGICAL HISTORY

NBU #222

Page 3

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

WI: 100% COGC AFE: 14687

TD: 6900' PBTD: 6852'

Csg: 7" @ 6896'

Perfs:

CWC(M\$): 435.0 /CC(M\$): 409.7

Meaverda Completion

04/23/97	WO completion. Clean & level location. Set anchors. MIRU Cutters WLS. Ran GR-CCL-CBL from WL - TD @ 6801' to 1100' w/1000 psi on csg. Good cmt bond from TD to TOC @ 1400'. RD WL. Press test csg & WH to 5000 psi. OK. SDFN DC: \$6,950	TC: \$6,950
04/28/97	Prep to re-cmt 9 5/8"-7" csg annulus. MIRU BJ Serv. Cmt 9 5/8"-7" csg annulus w/20 bbls LCM pill, 55 sx super "G" + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake + 2% CaCl ₂ & 150 sx super "G" + 7% FL-52 + 2% CaCl ₂ . Max press 20 psi, strong vac @ end of job. DC: \$6,720	TC: \$13,670
04/30/97	WO Completion. RU BJ Serv. Cmt 9 5/8"-7" csg annulus w/55 sx Super "G" + CaCl ₂ + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake. Max press 160 psi @ end of job. SI w/100 psi on csg. RDMO BJ. DC: \$5,060	TC: \$18,730

Meaverda Completion

05/11/97	SD till Monday. MIRU Colorado Well Service Rig #70. DC: \$1,150	TC: \$1,150
05/13/97	Prep for acid & break dn. PU 2 7/8" tbg, tag @ 6848'. RU hard line & displ hole w/3% KCl filtered wtr 268 bbls. LD 2 jts. SDFN DC: \$9,283	TC: \$10,433
05/14/97	Prep to pump acid. WO Dowell. Showed up @ 11 AM, too late to start job. RU Dowell. SDFN DC: \$5,486	TC: \$15,919

- 05/15/97 **Swab well clean.** SICP 0 psi, SITP 0 psi. RU Dowell. Spot 1107 gals 15% HCl acid w/additives from 6300' to 6750'. POOH w/ 2 7/8" tbg. RU Cutters Wireline Serv. Perf w/4" csg gun, 2 JSPF @ 120% phasing from 6478'-6479', 6490'-6494', 6506'-6510', 6526'-6528', 6704'-6705', 6716'-6720'. FL @ 400', NO press change. RD Cutters WL Serv. RIH w/NC, 1 jt 2 7/8" tbg @ 6013' w/blast jt @ surface. ND BOP, NU WH. RU Dowell. Breakdown perfs (6478'-6720') w/1099 gals 15% HCl acid w/additives and 75 ball sealers (1.3 SG) evenly spread ball out. Max/Avg R=10/9.7 BPM, Max/Avg P=4970/4530 psi, Final 4570 psi. ISIP 2560 psi, 5/10/15=1666/1648/1630 psi. Open well to flow back to clean up TP 1600 psi, CP 100 psi. Need to recover 163 total bbls. Blew for 2 hrs, rec 10 bbls. Ran swab, FL @ 400'. Made 7 runs, rec 38 bbls, FFL @ 3000'. 431 BLW pmpd, rec 48 BLW, 383 BLWTR.
DC: \$11,481 TC: \$27,400
- 05/16/97 **Swab & flow well to clean up.** SICP 350 psi, SITP 1050 psi. Well blow down immediately. Ran swab found FL @ 700'. Made 7 total swabs, rec approx 49 bbls, FFL @ 2000', CP @ 75 psi, TP 0 psi, PH @ 1. RD Rig #70. MIRU Delsco swabbing serv. SICP 550 psi, SITP 325 psi. Well blew down for 40 mins-died. Ran swab FL @ 2000', made 15 runs, FFL @ 2300', rec 120 bbls. Total load 431, Total rec 168, 263 BLWTR
DC: \$22,610 TC: \$50,010
- 05/17/97 ITP 975 psi, ICP 1200 psi. Blew down in 10 min, tag fluid @ 2300'. Made 4 swab runs, swab 25 bbls. Kick well off. Flowed 20 more, then dried up. Watch until 4 PM, TP 50, CP 300 on 20" chk. Rec 45 bbls, 218 BLTR.
DC: \$1,275 TC: \$51,285
- 05/18/97 **Flowing to pit.** ITP 40 psi, ICP 590 psi. Pulled chk, ran in with swab. Pulled 3000' gas cut, fluid pulled 6 bbls. Misted for 30 min, dried up install 20" chk. Flowing TP 300 psi, cp 500 psi. Sent swabber in. Rec 6 BLW, 212 BLWTR.
DC: \$801 TC: \$52,086
- 05/19-20/97 SI - WO frac.
- 05/21/97 **Prep to frac 2nd Stage -** MIRU Dowell frac equip. Frac perfs 6478'-6721' w/74,800 gal WF125 + 169,000# 20/40 sd. Flush w/15 bbls 15% HCl + 186.7 bbls WF120, Avg IR 25 BPM @ 2300 psi. RU Cutters WLS. RIH w/2 7/8" gun, could not get below 2950±. POOH w/gun. Circ 40 BW down tbg. RIH & perf 6254'-58', 6268'-72', 6292'-96' & 6310'-12', 2 SPF w/ 2 7/8" tbg gun. No press change after perf. Pmpd 1983 BLW, rec 0 BLW, 2195 BLWTR. SDFN
DC: \$5,040 TC: \$54,357
- 05/22/97 **Flow tstg well.** RU Dowell, pre-job Safety Meeting. Press tst lines to 6000 psi. Spearhead Stage #2 w/1260 gals w/ 15% HCl in front of pad. Breakdown perfs & frac w/128,680# 20/40 sd.
1 ppg - 21 BPM, CP 2578 psi, TP 2384 psi
2 ppg - 21 BPM, CP 2522 psi, TP 2384 psi
3 ppg - 21 BPM, CP 2384 psi, TP 2400 psi

4 ppg - 21 BPM, CP 2219 psi, TP 2443 psi

5 ppg - 21 BPM, CP 2163 psi, TP 2498 psi

10 ppg - 21 BPM, CP 2094 psi, TP 2530 psi

Start flush @ 21 BPM, CP 2069 psi, TP 2530 psi, ISIP @ 2370 psi, 20 min 2035 psi.
Max/Avg P=2637/2200 psi, Max Rate @ 21 BPM throughout frac. Flow back well @ 11:30
AM w/ 18/64" chk for 1 hr. TP @ 1800 psi. Flow tstg well. Total 3576 BLWTR, pmp
1381 BLW.

TIME	CP	TP	CHK	BWPH	SAND
11:30 AM	1300	1400	18/64"		LT
12:30 PM	1300	1400	20/64"	89	LT
1:30	1200	1150	20/64"	88	LT
2:30	900	900	20/64"	48	LT
3:30	720	720	18/64"	32	LT
4:30	520	580	18/64"	16	LT
5:30	500	500	18/64"	64	LT
6:30	400	380	18/64"	48	LT
7:30	300	300	18/64"	40	LT
8:30	240	240	18/64"	36	LT
9:30	200	200	18/64"	36	LT
10:30	160	160	18/64"	44	LT
11:30	140	140	18/64"	40	LT
12:30 AM	140	140	18/64"	40	LT
1:30	140	120	18/64"	38	LT
2:30	120	120	18/64"	36	LT
3:30	100	100	18/64"	34	LT
4:30	100	100	18/64"	32	LT
5:30	80	80	18/64"	24	LT
6:30	70	70	18/64"	24	LT

Total 809 BLW, BLWTR 2767 - gas rate 125 MCFPD @ report time.

DC: \$105,875

TC: \$160,232

05/23/97

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	0	5	18/64"	5	NON
10:00	0	3	NC	5	NON
11:00	0	3	NC	5	NON
12:00 AM	0	0	NC	3	NON
1:00	0	0	NC	3	NON
2:00	0	0	NC	3	NON
3:00	0	0	NC	3	NON
4:00	0	0	NC	3	NON
5:00	0	0	NC	2	NON
6:00	0	0	NC	2	NON

Total 34 BLW, BLWTR 2733

DC: \$1,300

TC: \$161,532

05/24/97

Flow back. RU Delsco & run @ TD. WL TD @ 6542' perf. Covered 6704'-6708', 6716'-6720'. MIRU Delsco. TP 0 psi, CP 50 psi. Well flowing 3-5 BPH. Made 10 swab runs, rec 140 bbls, IFL 200', FFL. Blow to pit on 45/64" chk for 1½ hrs. Put to tank on 18/64" chk. Flowed & swab back, total 160 BLW. Total rec 300 BLW, 2433 BLWTR.

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	400	0	48/64"	0	NON
10:00	500	0	48/64"	0	NON
11:00	520	200	48/64"	5	NON
12:00 AM	600	0	30/64"	0	NON
1:00	700	0	30/64"	0	NON
2:00	725	50	30/64"	0	NON
3:00	750	50	18/64"	5	NON
4:00	775	75	18/64"	5	NON
5:00	800	75	18/64"	5	NON
6:00	825	100	18/64"	5	NON

Total rec 410 bbls, total 2023 BLWTR - gas rate 150 MCFPD.

DC: \$1,300

TC: \$162,832

05/25/97

TIME	CP	TP	CHK	BWPH	SAND
11:00 AM	950	140	30/64"	5	NON
4:00	1300	140	30/64"	5	NON
6:00	1350	100	20/64"	5	NON
7:00	1350	100	20/64"	5	NON
8:00	1350	100	20/64"	5	NON
9:00	1350	100	20/64"	5	NON
10:00	1350	100	20/64"	5	NON
11:00	1400	100	20/64"	5	NON
12:00 AM	1400	100	20/64"	5	NON
1:00	1450	100	20/64"	5	NON
2:00	1500	350	20/64"	30	NON
3:00	1525	700	20/64"	30	NON

4:00	1400	600	20/64"	30	NON
5:00	1200	550	20/64"	30	NON
6:00	1150	450	20/64"	30	NON

Total 280 BLW, BLWTR 1753 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$164,132

05/26/97

TIME	CP	TP	CHK	BWPH	SAND
10:30 AM	1000	450	20/64"	4	NON
11:30	950	450	20/64"	4	NON
12:30 PM	960	450	20/64"	1	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON
7:00	900	475	20/64"	10	NON
8:00	900	475	20/64"	10	NON
9:00	900	475	20/64"	10	NON
10:00	900	475	20/64"	10	NON
11:00	900	475	20/64"	10	NON
12:00 AM	900	475	20/64"	10	NON
1:00	900	475	20/64"	10	NON
2:00	900	475	20/64"	10	NON
3:00	900	475	20/64"	10	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON

Total 160 BLW, BLWTR 1583 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$165,432

05/27/97

TIME	CP	TP	CHK	BWPH	SAND
4:00 PM	825	330	20/64"	4	NON
6:30 AM	770	300	20/64"	2	NON

Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.

DC: \$1,300

TC: \$166,732

05/28/97

Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97

Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.

DC: \$68,888

TC: \$235,620

05/30/97

Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

05/31/97

Flowing 476 MCF, 31 BC, 123 BW, 400 TP, 780 CP, on 16/64" chk.

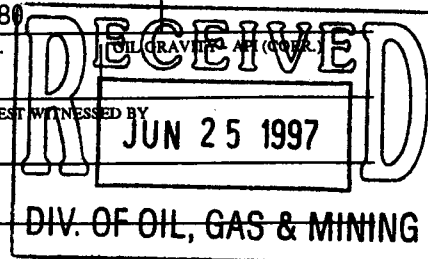
06/01/97	Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20
06/02/97	Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30
06/03/97	Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.
06/04/97	Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.
06/05/97	Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Complectia. <u>Final Report</u>

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. ST-U-01194-A	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476						8. FARM OR LEASE NAME NBU	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1667' FNL & 2602' FEL At top prod. interval reported below same as above At total depth same as above						9. WELL NO. #222	
14. API NO. 43-047-32509 DATE ISSUED 4/28/94						10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DATE SPUDDED 8/3/94 16. DATE T.D. REACHED 9/29/94 17. DATE COMPL. 5/29/97 (Ready to prod. or Plug & Abd.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5033' G.L.						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SWNE Sect. 11, T10S-R22E	
19. ELEV. CASINGHEAD						12. COUNTY Uintah 13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 6900'		21. PLUG, BACK T.D., MD & TVD 6848'		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 6478 - 6720' Mesa Verde						25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN DSN/CDL/GR/CAL, DLL/GR, Dipol Sonic/GR, GR/CCL/CBL 10-5-94						27. Was Well Cored YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9-5/8" ST&C	36#	247'	12-1/4"	To surface		7 bbl	
7" LT&C	23#	6900'	7-7/8"	See chron 10/1/94, 4/28/97, 4/30/97			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 4" gun, 2JSPF, 6478-79', 6490-94', 6506-10', 6526-28', 6704-05', 6716-20'; 2-1/8" gun, 2SPF, 6254-58', 6268-72', 6292-96', 6310-12'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				6478-6720'	See chron 5/15/97		
				6478-6721'	See chron 5/21/97		
				6254-6312'	See chron 5/22/97		
33. PRODUCTION							
DATE FIRST PRODUCTION 5/22/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) flowing				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 5/31/97	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL. 80	GAS - MCF. 476	WATER - BBL. 80	GAS - OIL RATIO
FLOW. TUBING PRESS. 400#	CASING PRESSURE 950#	CALCULATED 24-HOUR RATE	OIL - BBL. 80	GAS - MCF. 476	WATER - BBL. 80	TEST WITNESSED BY	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold						TEST WITNESSED BY JUN 25 1997	
35. LIST OF ATTACHMENTS chronological history							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Bonnie Carson</i>		TITLE Senior Environmental Analyst				DATE 6/23/97	

See Spaces for Additional Data on Reverse Side



INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

- ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.
- ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
- ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.
- ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
			Show all important zones of porosity and contents thereof: cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).	Wasatch	4032'	
				Mesaverde Sand	6246'	

**COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY**

NBU #222

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

CoastalDrill #1

WI: 100% COGC AFE: 14687

ATD: 6,700' SD: 9/19/94

Csg: 9 5/8" @ 259', 7" @ 6896'

DHC(M\$): 191.0

8/8/94 259' KB WORT. Spud well @ 10:00 AM on 8/3/94 w/Leon Ross Drlg. Drill 12 1/4" hole to 250'. RIH w/6 jts 9 5/8" 36# 8RD ST&C csg, tally ran = 247.84'. Cmt csg w/Howco w/140 sx Type V Prem + cmt w/2% CaCl₂, 1/4#/sx Flocele, yld 1.18, WT 15.6. Displ w/18 bbls H₂O, circ 7 bbls cmt to pit, ran 3 cent, set @ 247' GL. TOC ±230'. CIP @ 12:30 PM on 8/4/94. CC: \$55,117.

9/19/94 500' Drlg, spud well @ 2:30 AM on 9/19/94. 241' 1/3 1/2 hrs. RD, MI, RURT, 17.6 mi move. NU BOPE, test to 2000 psi, ok; hydrl & csg to 1500 psi, ok. SLM, PU BHA & rot hd, blow hole. Drill cmt & shoe, TOC 245'. Drlg. Air 4 hrs. Air mist. CC: \$109,286.

9/20/94 1850' Drlg. 1350'/22 1/2 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg, svy. Drlg. Hit H₂O @ 1155', xo to aerated H₂O @ 1336'. Air 24 hrs. Svys: 1/2° @ 513', 1/2° @ 1556'. CC: \$119,716.

9/21/94 2900' Drlg thru chk. 1050'/23 1/2 hrs. Drlg, RS, blank off FL. Drlg thru chk. Drlg breaks @ 2270'-2300' (much gas), 2713'-2720', 2729'-2740' & 2773'-2781'. Well kicked after drlg 2270'-2300' break. Shut off air @ 2302', 3:00 PM, gained 2' in reserve pit in 2 hrs. Blank off Blooie line. Drill thru 2 chks, both full open, still gaining in pit. Drill w/1 chk closed, 1 full open, 75 psi annulus, hole taking some fluid, 25'-30' flare. Air 9 1/2 hrs. Aerated H₂O/H₂O. CC: \$128,170.

9/22/94 3775' Drlg thru chk, 25' flare. 875'/23 hrs. Drlg, svy. Drlg, RS, check BOP's. Drlg w/both chks open, 50 psi on annulus, 25'-30' flare. Drlg break 3165'-3172'. H₂O. Svy: 1 3/4° @ 4286'. CC: \$144,935.

9/23/94 4450' Drlg. 675'/22 1/2 hrs. Drlg, RS, check BOP's. Drlg, hook up FL svy. Drlg. 25' flare, 20 psi annulus. Air 12 hrs. Aerated H₂O. Svy: 1 3/4° @ 4268'. CC: \$159,345.

9/24/94 4800' Drlg. 350'/15 1/2 hrs. Drlg, drop svy, TFNB #2. Pull rot table, change rot hd. TIH, kill well @ 900' & 2400'. W&R to btm, 60' fill. Drlg. Drlg breaks 4574'-4586', 4653'-4660'. 15' flare, 32 PPM H₂S avg. H₂S 8 PPM @ handrail w/fan blowing. Oilind on loc. Ray Herrera & crew H₂S trained. Air 12 hrs. Aerated DAP H₂O 6# bbl. Svy: 1 1/2° @ 4486'. CC: \$176,506.

9/25/94 5285' Drlg. 485'/23 1/2 hrs. Drlg, RS. Drlg. Air 24 hrs. Aerated DAP H₂O 6# bbl. CC: \$186,947.

9/26/94 5690' Drlg. 405'/23 hrs. Drlg, RS, check BOP's. Drlg, svy. Drlg. No drlg breaks. H₂S @ handrails 2 PPM, H₂S @ shaker 4 PPM. Air 24 hrs. Aerated 6# bbl DAP H₂O/6# DAP H₂O. Svy: 1 1/4° @ 5488'. CC: \$197,349.

9/27/94 6002' TIH w/bit #3. 312'/18 1/2 hrs. Drlg, RS. Drlg. Drop svy, TFNB #3. Drlg break 5752'-5770'. H₂S 200 PPM @ shaker, 8 PPM @ handrail. Bug fans blowing gas away from rig. 1 fan @ cellar, 1 fan @ shaker, 1 fan @ floor. Air 24 hrs. Aerated DAP H₂O/DAP H₂O 6# bbl. Svy: 1 1/4° @ 5957'. CC: \$214,047.

9/28/94 6440' Drlg. 438'/21 1/2 hrs. TIH. Fill pipe, wash 70' to btm. Drlg, RS, check BOP. Drlg. H₂S 10 PPM @ shaker, 0 @ handrail, 10' flare. Air 24 hrs. Aerated DAP H₂O @ 6# bbl. CC: \$224,777.

9/29/94 6900' Short trip for logs. 460'/21 1/2 hrs. Drlg, RS, check BOP, change rot hd rubber. Drlg. Circ, short trip 30 stds to 4050'. Drlg break 6709'-6716'. Flare 10-15'. H₂S @ end flare line when flare went out, 500 PPM, handrail 0 PPM. Air 24 hrs. Aerated DAP H₂O 6# bbl. CC: \$237,876.

9/30/94 6900' TIH w/ DP. Short trip, good. Fill pipe, wash 60', 4' fill. Displ hole w/400 bbls salt mud. TOOH for logs, SLM, no corr. WO loggers. RU HLS, run DSN/CDL-GR-Cal TD-2200', DLL-GR TD-surf. RU Schlumberger, run Diapol Sonic-GR 6860'-3900'. 8'-10' flare while logging, 2 PPM H₂S @ packoff. MW 10, vis 38, FL 14. CC: \$264,927.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #222
Natural Buttes Field
Uintah County, UT

PAGE 2

10/1/94 6900' Rig rel @ 4:30 AM on 10/1/94, RDRT, raining. TIH, WO LD crew, muddy roads. LDDP & DC's. RU csg tools, RIH w/159 jts 7" 23# CF-95 8th LT&C csg, tally ran = 6909.90'. Circ csg w/rig pmp, wash 65' to btm. RU Howco, pmp 30 bbls Super Flush, mix & pmp 1950 sx 50/50 Poz w/2% gel, 0.5% Halad 322, 0.4% Super CBL, ¼#/sx Flocele, 10% salt. Displ w/270 bbls H₂O. Bump plug to 4000#, 500# over, floats held. RD Howco. Press ind poss bridging. Set csg slips w/130,000#. ND BOPE. Cut off csg, clean mud tanks. Rig rel @ 4:30 AM on 10/1/94. RDRT, trucks cancelled due to rain, will move to NBU #221X when weather permits. CC: \$409,690.

10/4/94 Cost Update. CC: \$413,909. FINAL DRILLING REPORT.

**COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS**

CHRONOLOGICAL HISTORY

NBU #222

Page 3

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

WI: 100% COGC AFE: 14687

TD: 6900' PBTD: 6852'

Csg: 7" @ 6896'

Perfs:

CWC(M\$): 435.0 /CC(M\$): 409.7

Mesaverde Completion

04/23/97	WO completion. Clean & level location. Set anchors. MIRU Cutters WLS. Ran GR-CCL-CBL from WL - TD @ 6801' to 1100' w/1000 psi on csg. Good cmt bond from TD to TOC @ 1400'. RD WL. Press test csg & WH to 5000 psi. OK. SDFN DC: \$6,950	TC: \$6,950
04/28/97	Prep to re-cmt 9 5/8"-7" csg annulus. MIRU BJ Serv. Cmt 9 5/8"-7" csg annulus w/20 bbls LCM pill, 55 sx super "G" + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake + 2% CaCl ₂ & 150 sx super "G" + 7% FL-52 + 2% CaCl ₂ . Max press 20 psi, strong vac @ end of job. DC: \$6,720	TC: \$13,670
04/30/97	WO Completion. RU BJ Serv. Cmt 9 5/8"-7" csg annulus w/55 sx Super "G" + CaCl ₂ + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake. Max press 160 psi @ end of job. SI w/100 psi on csg. RDMO BJ. DC: \$5,060	TC: \$18,730

Mesaverde Completion

05/11/97	SD till Monday. MIRU Colorado Well Service Rig #70. DC: \$1,150	TC: \$1,150
05/13/97	Prep for acid & break dn. PU 2 7/8" tbg, tag @ 6848'. RU hard line & displ hole w/3% KCl filtered wtr 268 bbls. LD 2 jts. SDFN DC: \$9,283	TC: \$10,433
05/14/97	Prep to pump acid. WO Dowell. Showed up @ 11 AM, too late to start job. RU Dowell. SDFN DC: \$5,486	TC: \$15,919

- 05/15/97 **Swab well clean.** SICP 0 psi, SITP 0 psi. RU Dowell. Spot 1107 gals 15% HCl acid w/additives from 6300' to 6750'. POOH w/ 2 7/8" tbg. RU Cutters Wireline Serv. Perf w/4" csg gun, 2 JSPF @ 120% phasing from 6478'-6479', 6490'-6494', 6506'-6510', 6526'-6528', 6704'-6705', 6716'-6720'. FL @ 400', NO press change. RD Cutters WL Serv. RIH w/NC, 1 jt 2 7/8" tbg @ 6013' w/blast jt @ surface. ND BOP, NU WH. RU Dowell. Breakdown perfs (6478'-6720') w/1099 gals 15% HCl acid w/additives and 75 ball sealers (1.3 SG) evenly spread ball out. Max/Avg R=10/9.7 BPM, Max/Avg P=4970/4530 psi, Final 4570 psi. ISIP 2560 psi, 5/10/15=1666/1648/1630 psi. Open well to flow back to clean up TP 1600 psi, CP 100 psi. Need to recover 163 total bbls. Blew for 2 hrs, rec 10 bbls. Ran swab, FL @ 400'. Made 7 runs, rec 38 bbls, FFL @ 3000'. 431 BLW pmpd, rec 48 BLW, 383 BLWTR.
DC: \$11,481 TC: \$27,400
- 05/16/97 **Swab & flow well to clean up.** SICP 350 psi, SITP 1050 psi. Well blow down immediately. Ran swab found FL @ 700'. Made 7 total swabs, rec approx 49 bbls, FFL @ 2000', CP @ 75 psi, TP 0 psi, PH @ 1. RD Rig #70. MIRU Delsco swabbing serv. SICP 550 psi, SITP 325 psi. Well blew down for 40 mins-died. Ran swab FL @ 2000', made 15 runs, FFL @ 2300', rec 120 bbls. Total load 431, Total rec 168, 263 BLWTR
DC: \$22,610 TC: \$50,010
- 05/17/97 ITP 975 psi, ICP 1200 psi. Blew down in 10 min, tag fluid @ 2300'. Made 4 swab runs, swab 25 bbls. Kick well off. Flowed 20 more, then dried up. Watch until 4 PM, TP 50, CP 300 on 20" chk. Rec 45 bbls, 218 BLTR.
DC: \$1,275 TC: \$51,285
- 05/18/97 **Flowing to pit.** ITP 40 psi, ICP 590 psi. Pulled chk, ran in with swab. Pulled 3000' gas cut, fluid pulled 6 bbls. Misted for 30 min, dried up install 20" chk. Flowing TP 300 psi, cp 500 psi. Sent swabber in. Rec 6 BLW, 212 BLWTR.
DC: \$801 TC: \$52,086
- 05/19-20/97 SI - WO frac.
- 05/21/97 **Prep to frac 2nd Stage - MIRU Dowell frac equip.** Frac perfs 6478'-6720' w/74,800 gal WF125 + 169,000# 20/40 sd. Flush w/15 bbls 15% HCl + 186.7 bbls WF120, Avg IR 25 BPM @ 2300 psi. RU Cutters WLS. RIH w/2 1/8" gun, could not get below 2950±. POOH w/gun. Circ 40 BW down tbg. RIH & perf 6254'-58', 6268'-72', 6292'-96' & 6310'-12', 2 SPF w/ 2 1/8" tbg gun. No press change after perf. Pmpd 1983 BLW, rec 0 BLW, 2195 BLWTR. SDFN
DC: \$5,040 TC: \$54,357
- 05/22/97 **Flow tstg well.** RU Dowell, pre-job Safety Meeting. Press tst lines to 6000 psi. Spearhead Stage #2 w/1260 gals w/ 15% HCl in front of pad. Breakdown perfs & frac w/128,680# 20/40 sd. 1 ppg - 21 BPM, CP 2578 psi, TP 2384 psi
2 ppg - 21 BPM, CP 2522 psi, TP 2384 psi
3 ppg - 21 BPM, CP 2384 psi, TP 2400 psi (continued on next page)

4 ppg - 21 BPM, CP 2219 psi, TP 2443 psi

5 ppg - 21 BPM, CP 2163 psi, TP 2498 psi

10 ppg - 21 BPM, CP 2094 psi, TP 2530 psi

Start flush @ 21 BPM, CP 2069 psi, TP 2530 psi, ISIP @ 2370 psi, 20 min 2035 psi.
Max/Avg P=2637/2200 psi, Max Rate @ 21 BPM throughout frac. Flow back well @ 11:30
AM w/ 18/64" chk for 1 hr. TP @ 1800 psi. Flow tstg well. Total 3576 BLWTR, pmp
1381 BLW.

TIME	CP	TP	CHK	BWPH	SAND
11:30 AM	1300	1400	18/64"		LT
12:30 PM	1300	1400	20/64"	89	LT
1:30	1200	1150	20/64"	88	LT
2:30	900	900	20/64"	48	LT
3:30	720	720	18/64"	32	LT
4:30	520	580	18/64"	16	LT
5:30	500	500	18/64"	64	LT
6:30	400	380	18/64"	48	LT
7:30	300	300	18/64"	40	LT
8:30	240	240	18/64"	36	LT
9:30	200	200	18/64"	36	LT
10:30	160	160	18/64"	44	LT
11:30	140	140	18/64"	40	LT
12:30 AM	140	140	18/64"	40	LT
1:30	140	120	18/64"	38	LT
2:30	120	120	18/64"	36	LT
3:30	100	100	18/64"	34	LT
4:30	100	100	18/64"	32	LT
5:30	80	80	18/64"	24	LT
6:30	70	70	18/64"	24	LT

Total 809 BLW, BLWTR 2767 - gas rate 125 MCFPD @ report time.

DC: \$105,875

TC: \$160,232

05/23/97

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	0	5	18/64"	5	NON
10:00	0	3	NC	5	NON
11:00	0	3	NC	5	NON
12:00 AM	0	0	NC	3	NON
1:00	0	0	NC	3	NON
2:00	0	0	NC	3	NON
3:00	0	0	NC	3	NON
4:00	0	0	NC	3	NON
5:00	0	0	NC	2	NON
6:00	0	0	NC	2	NON

Total 34 BLW, BLWTR 2733

DC: \$1,300

TC: \$161,532

5/24/97

Flow back. RU Delsco & run @ TD. WL TD @ 6542' perf. Covered 6704'-6708', 6716'-6720'. MIRU Delsco. TP 0 psi, CP 50 psi. Well flowing 3-5 BPH. Made 10 swab runs, rec 140 bbls, IFL 200', FFL. Blow to pit on 45/64" chk for 1½ hrs. Put to tank on 18/64" chk. Flowed & swab back, total 160 BLW. Total rec 300 BLW, 2433 BLWTR.

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	400	0	48/64"	0	NON
10:00	500	0	48/64"	0	NON
11:00	520	200	48/64"	5	NON
12:00 AM	600	0	30/64"	0	NON
1:00	700	0	30/64"	0	NON
2:00	725	50	30/64"	0	NON
3:00	750	50	18/64"	5	NON
4:00	775	75	18/64"	5	NON
5:00	800	75	18/64"	5	NON
6:00	825	100	18/64"	5	NON

Total rec 410 bbls, total 2023 BLWTR - gas rate 150 MCFPD.

DC: \$1,300

TC: \$162,832

05/25/97

TIME	CP	TP	CHK	BWPH	SAND
11:00 AM	950	140	30/64"	5	NON
4:00	1300	140	30/64"	5	NON
6:00	1350	100	20/64"	5	NON
7:00	1350	100	20/64"	5	NON
8:00	1350	100	20/64"	5	NON
9:00	1350	100	20/64"	5	NON
10:00	1350	100	20/64"	5	NON
11:00	1400	100	20/64"	5	NON
12:00 AM	1400	100	20/64"	5	NON
1:00	1450	100	20/64"	5	NON
2:00	1500	350	20/64"	30	NON
3:00	1525	700	20/64"	30	NON
4:00	1400	600	20/64"	30	NON
5:00	1200	550	20/64"	30	NON
6:00	1150	450	20/64"	30	NON

Total 280 BLW, BLWTR 1753 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$164,132

05/26/97

TIME	CP	TP	CHK	BWPH	SAND
10:30 AM	1000	450	20/64"	4	NON
11:30	950	450	20/64"	4	NON
12:30 PM	960	450	20/64"	1	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON

7:00	900	475	20/64"	10	NON
8:00	900	475	20/64"	10	NON
9:00	900	475	20/64"	10	NON
10:00	900	475	20/64"	10	NON
11:00	900	475	20/64"	10	NON
12:00 AM	900	475	20/64"	10	NON
1:00	900	475	20/64"	10	NON
2:00	900	475	20/64"	10	NON
3:00	900	475	20/64"	10	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON

Total 160 BLW, BLWTR 1583 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$165,432

05/27/97	TIME	CP	TP	CHK	BWPH	SAND
	4:00 PM	825	330	20/64"	4	NON
	6:30 AM	770	300	20/64"	2	NON

Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.

DC: \$1,300

TC: \$166,732

05/28/97 Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97 Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.

DC: \$68,888

TC: \$235,620

05/30/97 Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

05/31/97 Flowing 476 MCF, 31 BC, 123 BW, 400 TP, 780 CP, on 16/64" chk.

06/01/97 Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20

06/02/97 Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30

06/03/97 Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.

06/04/97 Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.

06/05/97 Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Completion. **Final Report**

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

* Amended *

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
 b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1667' FNL & 2602' FEL

At top prod. interval reported below

same as above

At total depth

same as above

14. API NO.

43-047-32509

DATE ISSUED

4/28/94

5. LEASE DESIGNATION AND SERIAL NO.

ST-U-01194-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes

Unit

8. FARM OR LEASE NAME

NBU

9. WELL NO.

#222

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SWNE Sect. 11, T10S-R22E

12. COUNTY

Uintah

13. STATE

Utah

15. DATE SPUDDED

8/3/94

16. DATE T.D. REACHED

9/29/94

17. DATE COMPL.

5/29/97

(Ready to prod.)

(Plug & Abd.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

5033' G.L.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6900'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

6254' - 6720' Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DSN/CDL/GR/CAL, DLL/GR, Dipol Sonic/GR,GR/CCL/CBL

27. Was Well Cored

YES ☐ NO ☒

(Submit analysis)

Drill System Test

YES ☐ NO ☒

(See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8" ST&C	36#	247'	12-1/4"	To surface	7 bbl
7" LT&C	23#	6900'	7-7/8"	See chron 10/1/94, 4/28/97, 4/30/97	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

4" gun, 2JSPF, 6478-79', 6490-94', 6506-10', 6526-28', 6704-05', 6716-20'; 2-1/8" gun, 2SPF, 6254-58', 6268-72', 6292-96', 6310-12'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6478-6720'	See chron 5/15/97
6478-6721'	See chron 5/21/97
6254-6312'	See chron 5/22/97

33. PRODUCTION

DATE FIRST PRODUCTION

5/22/97

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

flowing

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST

5/31/97

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

80

OIL - BBL.

80

GAS - MCF.

476

WATER - BBL.

80

GAS - OIL RATIO

FLOW. TUBING PRESS.

400#

CASING PRESSURE

950#

CALCULATED 24-HOUR RATE

OIL - BBL.

80

GAS - MCF.

476

WATER - BBL.

80

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

TEST WITNESSED BY

JUL 14 1997

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

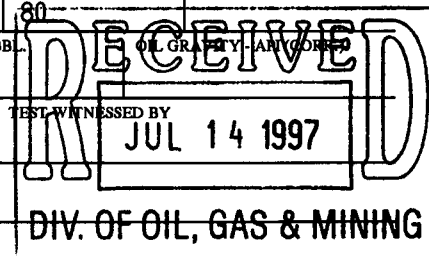
SIGNED

Sheila Bremer

TITLE Environmental & Safety Analyst

DATE 7/9/97

See Spaces for Additional Data on Reverse Side



INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.	GEOLOGIC MARKERS		
				Name	Meas. Depth	Top True Vert. Depth
				Wasatch	4032'	
				Mesaverde Sand	6246'	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1667' FNL & 2602' FEL

QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Perforate, acidize, fracture | |

Approximate date work will start

Upon approval

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

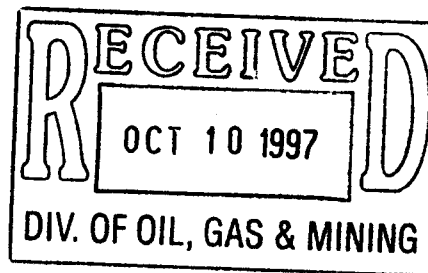
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure for operations to be performed on the subject well.



13.

Name & Signature:

Bonnie Carson

Title: Senior Environmental Analyst

Date: 10/03/97

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 10/16/97
BY:

NBU #222-11-10-22
NATURAL BUTTES FIELD
SECTION 11 T10S R22E
RECOMPLETION PROCEDURE Hum

WELL DATA

LOCATION: 1667' FNL 2602' FEL SEC. 11 T10S R22E
ELEVATION: 5034' GR., 5046' KB.
TD: 6900', PBTD 6801' (4/97)
CSG: 9 5/8", 36.0#, K-55 @ 248' w/ 140 SX.
7" , 23.0#, C-95 @ 6900' w/ 1950 SX.
CMT ANNULUS W/ 260 SX.
TBG: 2-7/8", 6.4#, N-80 @ 6518'
FORMATION: MESAVERDE (6254' - 6312') 1 SAND 36 HOLES
MESAVERDE (6478' - 6720') 3 SANDS 50 HOLES

RECOMPLETION PROCEDURE - THREE STAGE FRAC

Materials required: 212,600 # 20/40 sand, 1,800 useable bbls

1. MI & RU workover unit. Blow down & kill well w/ 2% KCL water. ND WH. NU BOP. RIH w/ tbg -tag & record PBTD. POOH w/ 2-7/8" tbg.
2. RIH w/ 2-7/8" tbg, setting tool & CIBP. Set CIBP @ 6380'.
3. PU tbg & spot 100 gals 7-1/2% HCL acid w/ additives across perf's 6254'-6312'. PU & land tbg @ 4590' w/ blast jt @ surface. ND BOP. NU WH.
4. MI & RU frac equipment. Test lines to 6000 psi. Pump 20 bbls 2% KCL water for injectivity test to determine number of perf's open (36 holes). Be prepared to RU WL services & re-perf 6254'-6312' **if perfs not open**. Re-perf (Stage #1) w/ 2-1/8" magnetically decentralized tbg guns, 2 spf utilizing Halliburton's Density/Neutron log (9/94):
6254'-58' 5'
6268'-72' 5'
6292'-96' 5'
6310'-12' 3'
18' (36 holes) if necessary.
5. **Frac Stage #1 (6254'-6312')** - spearheading w/ 840 gal 7-1/2% HCL acid. Frac w/ 87,400# 20/40 sand w/ 20-25# gel. Pump per schedule attached. Under flush by 17 bbls spotting 336 gal. 7-1/2% HCL acid across interval 5619'-5822'. Acid to be pumped @ 20 BPM. Shut down for 10 min. Pump @ 1-2 BPM to set sand plug. Maintain pressure on well. The following applies to each frac:
A. Max. surface pressure will be 5,000 psi.
B. Frac down casing w/ tbg being dead string.

C. While spotting pads, take returns on tbg to min. injected fluids.

If sand plug fails - set CIBP. OEL

6. RU WL service w/ lubricator. RIH w/ 2-1/8" magnetically decentralized guns - tag top of sand plug. Perf Stage #2 (5752'-62') w/ 4 spf utilizing Halliburton's Density/Neutron log (9/94):
5752'-62' 10' (40 holes)
RD WL service.
7. RU frac service. **Frac Stage #2** (5752'-62') w/ 43,500# 20/40 sand w/ 20-25# gel. Frac per schedule. Under flush by 30 bbls spotting 727 gal. 7-1/2% HCL acid across interval 4550'-4990'. Acid to be pumped @ 20 BPM. Shut down for 10 min. Pump @ 1-2 BPM to set sand plug. Maintain pressure on well.
If sand plug fails - Set CIBP
8. RU WL service w/ lubricator. RIH w/ 2-1/8" magnetically decentralized guns - tag top of sand plug. Perf Stage #3 w/ 1 spf utilizing Halliburton's Density/Neutron log (9/94):
4652'-56' 5'
4667'-72' 5'
4709'-18 10'
4927'-28' 2'
22' 22 holes
RD WL service.
9. RU frac service. Break down perf's 4652' - 4928' ramping to 25 BPM. **Note ISIP** and determine the number of perf's open. If perf's not open, pump 7-1/2% HCL acid to breakdown perf's.
10. **Frac Stage #3** (4652'-4928') w/ 81,700# 20/40 sand w/ 20-25# gel. Frac per schedule. Under flush by 3 bbls. **Note ISIP, 5-10-15-30 min. SIP.** RD & MO frac service.
11. Commence flow back on 18/64" choke over night.
12. ND WH. NU BOP. Kill well & POOH w/ tbg. RIH w/ 2-7/8" tbg w/ 6-1/8" bit w/ SN located 1 jt above bit. Drill out sand plugs & CIBP @ 6380'. Clean out to PBTD (bottom perf @ 6720'). Cut tbg off 3-4' above bit. PU & land tbg at 6518'. ND BOP. NU WH. RD & MO WO rig.
13. Flow well to clean up. Swab if necessary.

DATE 07/17/97 WELL 222
FOREMAN KB 5046' GL 5034' NATURAL BUTTES

SECTION 11
COUNTY UTAH
STATE UT

JS: T10S
RNG R22E

1667' FNL 2602' FEL

SPUD 8/08/94 COMPL 6/05/97

CASING RECORD

SIZE	WT	GRADE	THD	AT	CMT
9-5/8"	36.0#	K-55		248'	140 SX.
7"	23.0#	C-95		6900'	1950 SX.
		CMT	ANNULUS		260 SX.

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-7/8"	6.3#	N-80		0'	6495'
JTS	SN	AC	MUD ANCHOR		
209	6448'		SIZE LGTH		

COMMENTS/PERFORATIONS:

MESAVERDE 6478' -6720' 46 HOLES W/ 4" C.G.
5/97 6478'-79' 6526'-28' 2 JSPF
6490'-94' 6704'-05'
6506'-10' 6716'-20'

BD W 1099 GAL 15% HCL + 75 BS'S

FRAC'D W/ 169,000 # 20/40 SD + 74,800 GAL GEL
SWAB/FLOWED

COMMENTS/PERFORATIONS:

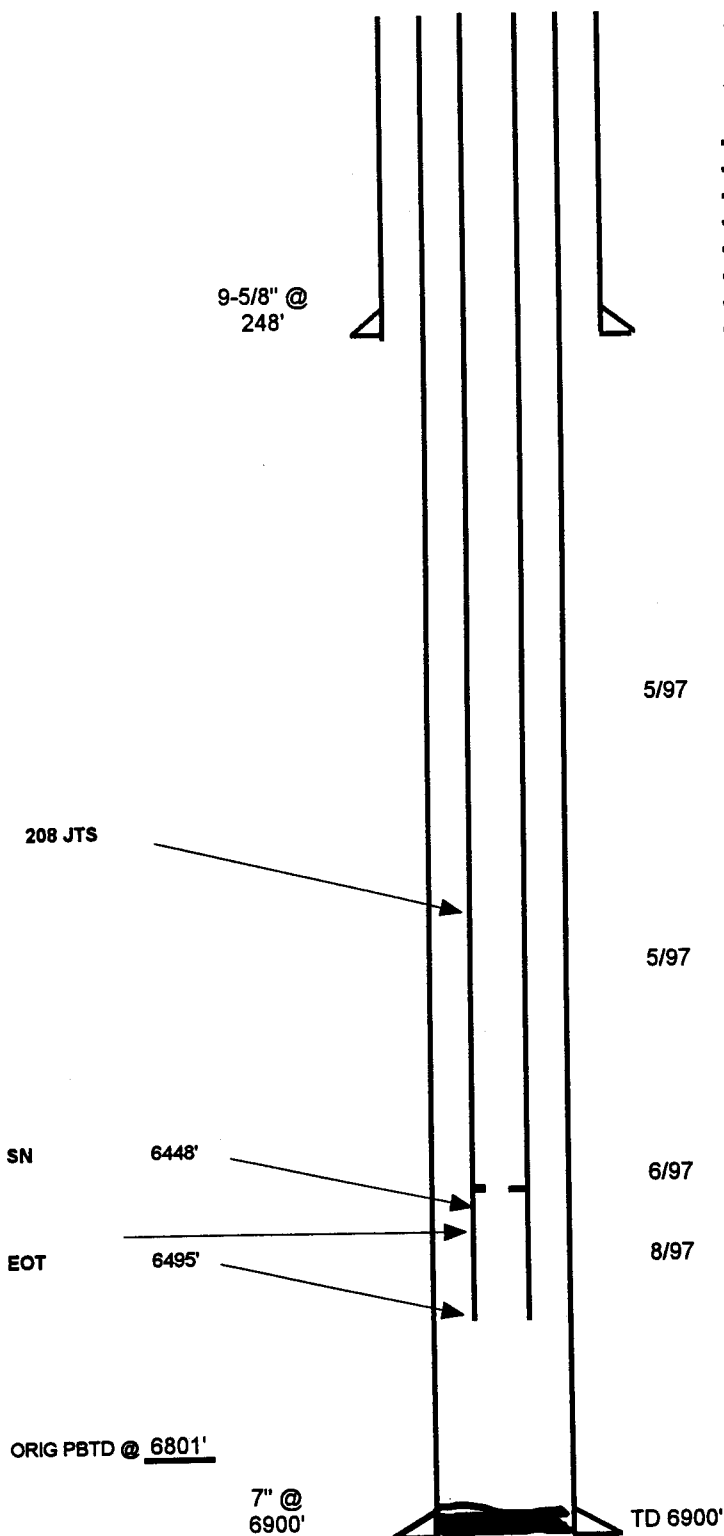
MESAVERDE 6254' -6312' 36 HOLES W/ 2-1/8" GUN
5/97 6254'-58' 6292'-96' 2 JSPF
6268'-72' 6310'-12'

SPEARHEAD W/ 1260 GAL 15% HCL

FRAC'D W/ 128,680 # 20/40 SD + 58,000 GAL GEL
IPF (6/97) 386 MCF + 20 BC + 10 BW
13064" FTP 280#, CP 725#

6/97 PBTD 6514' - 26/46 STAGE#1 PERF'S COVERED
PL - 100% GAS + 100% WATER FROM PERF 6478-79'

8/97 CO FRAC SAND TO 6801', LWR TBG TO 6495'



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
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| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
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| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Perforate, acidize, and fracture</u> | |

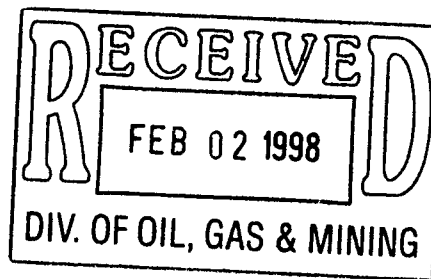
Date of work completion 12/28/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.



13.

Name & Signature:

Bonnie Carson

Title: Senior Environmental Analyst

Date: 01/30/98

(This space for State use only)

RECOMPLETE WASATCH & MESAVERDE

- 11/17/97 **RIH w/2 7/8" tbg.** MIRU rig & equip. FTP 293#, SICP 1050#. Bled off, pumped 45 bbls 2% KCL dwn csg & 10 bbls 2% KCL dwn tbg. N dn H NU BOP. PU & RIH w/2 7/8" tbg, tag @ 6801'. POOH w/2 7/8" tbg. RIH w/7" CIBP & setting tool & 2 7/8" tbg. EOT @ 2529'. SDFN.
DC: \$9,594 TC: \$ 9,594
- 11/18/97 **Ck well & RD.** SITP 650#. SICP 700#. Bled off. RIH w/2 7/8" tbg, well kicked. Pumped 30 bbls 2% KCL dwn csg & 15 bbls 2% KCL dwn tbg. Set CIBP @ 6580'. POOH w/EOT @ 6314', spot acid across MU perms f/6254' - 6312' w/20 bbls 2% KCL, 100 gals 7 1/2" HCL w/add. Flush w/36 bbls 2% KCL. LD 70 jts 2 7/8" tbg. POOH w/2 7/8" tbg & LD setting tool. RIH w/ 2 7/8" collar on btm of btm jt, 148 jts 2 7/8" tbg & blast jt. EOT @ 4583'. ND BOP & NU WH, RU swab, 2 hrs, 4 runs, 48 bbls wtr. PH-6, IFL 400, FFL 2900'. SDFN & SWI.
DC: \$6,181 TC: \$16,722
- 11/19/97 **WO frac job.** STIP 75#, SICP 50#. Bled off. RU swab, IFL 1100', FFL 4500' 3 1/2 hrs, 14 runs, 70 bbls wtr. PH 7, CP 10#. Swabbed dry, RD swab & drain lines. SWI SDFN.
DC: \$4,887 TC: \$21,881
- 11/23/97 Rig shut down WO frac. Hauling water.
- 11/27/97 Shut down.
- 11/28/97 Shut down.
- 11/29/97 **Set CIBP, perf.** Finish rig up BJ Services. Held safety meeting. Test 5260, pump 20 bbl 2% to determine # holes open 3-9 and opening frac zone 6254-6312. All perms opened win acid hit frac w/87000# 20/40 sand & 743 bbls Viking 125. Avg rate 33.5 @ 3300 psi. Max rate 41 BPM @ 4500 psi. Frac gradient 957. Try to set plug in 10 min, 30 min rig up Cutters. RIH, tag sand @ 6237'. RIH, set CIBP in 2 7/8" tbg @ 4570'. Pull out, nipple down well head, nipple up 4570'. Pull out, nipple down well head, nipple up BOP & rig up snubbing unit. POOH. Flowing cas slow on 18" choke on the way out of hole. SIFN.
DC: \$53,418 TC: \$78,504
- 11/30/97 **Flow back after frac.** SICP 0, RD snubbing unit. NU frac valve, RU Cutters WLS. Set CIBP @ 6000', perf 1 spf w/ 4" csg gun 6762- 5782' (40 holes). SICP 0 before & after perf. RU BJ. Hold safety meeting. Press test lines to 5200 psi. Brk dn perms 4.5 BPM & 3140 psi to 27 bpm & 1200 psi. Frac (stage 2) w/11,300 gal Viking 126 & 40,100# 20/40 sd. Ramped 2-8 ppg. Avg IR 30.5 bpm & 1800 psi. Max press 2500 psi. ISIP 2150 psi, 5 min 1860 psi, 10 min 1730 psi, 15 min 1690 psi. RUWL, set CIBP @ 5200'. Perf 1 spf w/ 4" csg gun 4862-56', 4867-72', 4709-28' & 4927-28' (total 22 holes). Brk dn perms @ 5 bpm 4690 psi to 26 bpm & 2180 psi. Frac (stage 3) w/24,360 gal Viking 126 & 99,610# 20/40 sd. Ramped 2-6 ppg avg IR 28.6 bpm @ 1300 psi. Max press 1900 psi, ISIP 1600 psi, 5 min 1480 psi, 10 min 1390 psi, 15 min 1280 psi, 30 min 1210 psi, RD BJ & Cutters. SICP 1100 psi. Start flow back on 20/64" choke. Flowback 100 mcf, 470 BW, FCP 75#, 18/64" choke, LLTR 1763 bbls.
DC: \$58,320 TC: \$ 140,323
- 12/1/97 **Flow back after frac.** FCP 76 psi, 18/64" choke, 20 BW/hr, no gas. Opened choke, pumped 15 bbls water, well pressured up, could not kill well. FCP 0, open choke, 86 BW/hr, no gas. FCP 0, open choke, 65 BW/hr, no gas. FCP 0, open choke, 74 BW/hr, no gas. FCP 0, open choke, 52 BW/hr sli gas cut. FCP 10 psi, open choke, 25 BW/hr, v hvy gas cut. Change choke to 20/64". FCP 200 psi. Flowed overnight on 20/64" choke. Flowback 500 mcf, 300 BW, FTP 0, FCP 500#, 20/64" choke, LLTR 1463 bbls.
DC: \$6,430 TC: \$146,070
- 12/2/97 **RIH & CO.** SITP 0, FCP 125# 64/64" choke. RU pmp & lines. Pmp 110 bbls 10# brine to kill well. Land tbg, NU BOPS & frac valve. NU BOPS, drain pmp & lines. SWI. SDFN.
DC: \$3,196 TC: \$157,671
- 12/3/97 **RIH & CO.** SICP 750#, SITP 600#. Bled off. Pumped 5 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg. Tag @ 5209. RU pwr swvl. Drl on CIBP f/5 1/2 hrs w/well flowing up csg @ 500# dwn to 250# on a 48/64" choke. RD pwr swvl. RIH w/2 7/8" tbg. Tag @ 5760. POOH w/2 7/8" tbg. EOT 4,600', SWI & drain pmp & lines.
DC: \$4,731 TC: \$162,686
- 12/4/97 **RIH, RU foam unit.** SICP 150 # SITP 700#. Bled off. RIH w 2 7/8" tbg, tag @ 5770. RU power swivel, clean out to 5785'. Well stopped flow up csg, broke circ w/80 bbls 2% KCL. Circ out sand. Losing a lot of fluid. RD power swivel. POOH w/2 7/8" tbg, 6 1/8

- mill. Mill half worn out. RIH w/6 1/8 mill. Bit sub, pump off sub, 1 jt 2 7/8 tbg. EN nipple w/plug & 2 7/8 tbg. EOT 4600' drain pump & lines. SDFN.
DC: \$ 5,754 TC: \$168,785
- 12/6/97 **RIH & CO. SITP 0, SICIP 30#. RIH w/2 7/8" tbg. Tag sand @ 5763'. RU pwr swvl & air foam unit. Brk circ w/AF. CO to 5939' pushing old CIBP all the way. Blow clean, pump 10 bbls 2% KCL. POOH w/2 7/8" tbg. EOT @ 4667'. Drain pump & lines. SWI. SDFN.**
DC: \$7,738 TC: 176,571
- 12/7/97 **RIH w/tbg. F/CO. SD & drill CIBP. SICIP 1050 psi. Blowwell dn. RIH w/2 7/8 tbg. Tag sd @ 5924'. RU swivel & b/circ w/air foam. CO f/5924' to 6,000'. Drlg CIBP @ 6000'. Circ hole clean @ 6062'. Pump 10 bbls 2% KCL dn tbg. RD swivel & RIH w/2 7/8 tbg. Tag sd @ 6330'. POOH w/2 7/8 tbg f/above perf. EOT 4637' & SWIFN @ 5:30 PM.**
DC: \$5,950 TC: \$174,735
- 12/8/97 **Blow well dn. F/CO sd. DrlgCIBP. SICIP 1300 psi. SITP 800 psi. Blow well dn. RIH w/51 jts 2 7/8 tbg. Tag sd @ 6322'. RU swivel & b/circ w/air foam. CO f/6322-6336'. Air foam unit out of fuel. PU off btm & rotate WO fuel & blade to blade hills. CO f/6333 to 6345' w/air foam & drlg on 2nd CIBP. Circ hole clean @ 5345'. Pump 10 bbls 2% KCL dn tbg. RD swivel & POOH w/2 7/8 tbg f/above perf. EOT @ 4637' SWIFN @ 5:30 PM.**
DC: \$7,809 TC: \$182,544
- 12/9/97 **RIH & CO. SICIP 1380#. SITP 900#. Blow dn. RIH w/2 7/8" tbg, tag sand & pieces of old BP @ 6518'. RU pwr swvl. String float break circ w/air foam unit. CO to 6380'. Tag CIBP. PU 10' sub dril on BP f/4 hrs. Push ahead to 6542'. Circ clean. RD pwr swvl. POOH w/2 7/8" tbg. EOT 4637' SWI. SDFN.**
DC: \$ 7,965 TC: \$198,236
- 12/10/97 **RIH & CO. SICIP 1150# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6518'. RU pwr swvl & string float. Break circ w/air foam unit. CO to 8532'. Fan went thru the radiator on the pwr swvl. Order out another pwr swvl. RU new pwr swvl. CO to 6611'. Blow clean, RI pwr swvl. POOH w/ 2 7/8" tbg. EOT @ 4637'. SWI. SDFN.**
DC: \$ 9,758 TC: \$207,994
- 12/11/97 **RIH & ck f/fill. SICIP 1050# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6546'. RU pwr swvl & string float. Break circ w/air foam unit. CO to PBTB @ 6801'. Blow clean f/2 hrs. RD pwr swvl & POOH w/2 7/8" tbg. EOT @ 4637'. SWI.**
DC: \$7,458 TC: \$215,452
- 12/12/97 **RD rig & equip. SITP 750# SICIP 1000#. Blow dwn pmp 15 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg, tag @ 6731'.66' of fill. RU pwr swvl & string float. Break circ w/air foam unit CO to 6801'. Circ clean, RD pwr swvl. POOH & LD 10 jts 2 7/8" tbg. Land tbg w/EOT @ 6503'. XN nipple @ 6489'. RD floor & equip. ND BOP, NU WH, RU Delsco. RIH & fish plug f/XN nipple. Just got top half of XN plug. Pmpd 10 bbls 2% KCL. Pres up w/air foam unit to 1150#. Press dropped off. RD WLS & foam unit. NU flow line to pit, turn over to flow back crew. SDFN. Flowback 0 mcf, 5 BW, FTP 0#, FCP 1025#, 48/64" ck, LLTR 198 bbls.**
DC: \$12,927 TC: \$225,379
- 12/13/97 **RIH w/2 7/8" CIBP & POOH w/2 7/8" tbg. SCIP 1050#, SITP 0#. RIH w/sinker bars & found that mill was not gone. POOH w/sinker bars. RU pmp & pum 60 bbls 2% KCL. Call out Cutters WLS. RU WLS, RIH w/radial cutter. Couldn't get past 6470' XN nipple. POOH & RIH w/sinker bars. Flow dwn csg, pres tried to knock plug out of tbg. No luck. POOH & SWI. SDFN.**
DC: \$7,155 TC: \$235,334
- 12/14/97 **Prep to land tbg & RD CUDD. SICIP 850#, SITP 600#. PU RIH w/2 7/8" CIBP on Cutters WL. Set plug @ 6468. POOH w/WL. RD Cutters. Blow down tbg & casing. ND WH, NU BOPs, RU floor & equip. POOH to 2500 ft. Well kicking. RU snubbing unit. Finish TOOH. LD 1 jt w/CIBP. TIH w/1 NC, 1 jt tbg, 1-XN nipple & 209 jts tbg. SWI. SDFN.**
DC: \$10,972 TC: \$246,480
- 12/15/97 **RD GWS. MIRU Delsco. SITP 0#, SICIP 1100#. PU & land tbg @ 6503'. XN nipple 6569'. RD cudd. NDBOP, NU WH. Drop ball to release exp plug. Chase w/60 bbls 2% KCL water. Didn't see any press at all. RIH w/sinker bars. Tag at 6500' +/- POOH. RU swab. IFL 900'. Made 14 swab runs, recovered 150 bbls. FFL 1900'. Csg press 1180 psi. Gas cut fluid on last three runs. SWI. SDFN. Drain flow lines.**
DC: \$7,147 TC: \$243,647

Initiate Swabbing Operations

12/16/97 **Try to produce.** MIRU Delsco. ITP 200, ICP 1050, IFL 1800. 8 runs 80 bbls, flow well 20 bbls. SIFN, will try to put on in morning. FTP 300, FCP 850, FFL 2000, lots of water. Flow line needs to be redone off wellhead.
DC: \$978 TC: \$978

12/17/97 **Open to pit 24/64 choke.** Delsco, ITP 750, ICP 1150. Blow dn 10 mins, IFL 2000. 8 runs 80 bbls. Blow well, 35 bbls, total 115 bbls. FTP 250, FCP 1050, FFL 1600. Open to pit on 24/64 choke, unloading. TP 320, SICP 945 at 2:15P. Will try to produce in morning.
DC: \$813 TC: \$1,791

12/18/97 **Open to pit.** Delsco, ITP 0, ICP 1300. 5 runs 60 bbls. Blow well 60 bbls. Total 120 bbls. FFL 2000. Open well to blow, put in 24/64. Well just about died. Open well full choke, unload water. Put in 48/64 choke to pit. 3:00 AM. FTP 200 SICP 750. Very wet gas on 48/64 choke.
DC: \$738 TC: \$2,529

12/19/97 **Prep to swab.** Delsco, FTP 160, SICP 650. SI. Hooked up prod line, put on sales, will not produce. 270 TP, 950 CP. Tried to blow well, went dead. SI will swab in morning.
DC: \$350 TC: \$3,029

12/20/97 **Open to pit on 30/64.** Delsco. ITP 40, ICP 1200 IFL 3200. 2 runs 15 bbls, flow 70 bbls, total 85. Put in 48/64 choke at 10:00A. TP 160, CP 900. 30/64 at 1:00P to pit. Press at 3:00P FTP 320, SICP 850 still wet gas.
DC: \$1,055 TC: \$3,646

12/21/97 **Selling.** ITP 300, ICP 800. Shut in to hook up prod line. Start fires - warm up separator & dehy. Turn down line on 20 choke. FTP 375, FCP 825.
DC: \$690 TC: 4,336

12/22/97 Flwg 528 MCF, 219 BW, FTP 400#, CP 895#, 20/64" ck. 24 hrs.

12/23/97 Flwg 498 MCF, 188 BW, FTP 360#, CP 900#, 20/64" , 24 hrs.

12/24/97 Flwg 486 MCF, 197 BW, FTP 410#, CP 900#, 20/64" ck. 24 hrs.

12/25/97 Flwg 458 MCF, 187 BW, FTP 360#. CP 900#, 20/64" ck. 24 hrs.

12/26/97 Flwg 459 MCF, 170 BW, FTP 350#, CP 900#, 20/64" ck. 24 hrs.

12/27/97 Flwg 440 MCF, 160 BW, FTP 350#, CP 890#, 20/64" ck. 24 hrs.

12/28/97 Flwg 432 MCF, 100 BW, FTP 340#, CP 900#, 20/64" ck. 24 hrs. Prior
prod: Flwg 181 MCF, 5 BW, FTP 296#, CP 1041#, 30/64" ck 24 hrs. **Final Report.**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

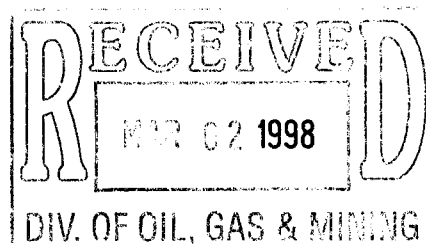
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		5. Lease Designation and Serial Number: U-01194-A-ST
		6. If Indian, Allottee or Tribe Name: N/A
		7. Unit Agreement Name: Natural Buttes
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: NBU #222	
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: 43-047-32509	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	10. Field and Pool, or Wildcat: Natural Buttes	
4. Location of Well Footages: 1667' FNL & 2602' FEL QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E		County: Uintah State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>CO and lwr tbg</u> </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>
Approximate date work will start _____	Date of work completion <u>08/31/97</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13. Name & Signature: Bonnie Carson Title: Senior Environmental Analyst Date: 02/25/98

(This space for State use only)

DC: \$1,300

TC: \$165,432

05/27/97	TIME	CP	TP	CHK	BWPH	SAND
----------	------	----	----	-----	------	------

4:00 PM	825	330	20/64"	4	NON
---------	-----	-----	--------	---	-----

6:30 AM	770	300	20/64"	2	NON
---------	-----	-----	--------	---	-----

Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.

DC: \$1,300

TC: \$166,732

05/28/97 Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97 Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.

DC: \$68,888

TC: \$235,620

05/30/97 Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

05/31/97 Flowing 476 MCF, 31 BC, 123 BW, 400 TP, 780 CP, on 16/64" chk.

06/01/97 Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20

06/02/97 Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30

06/03/97 Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.

06/04/97 Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.

06/05/97 Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Completion. **Final Report****CLEAN OUT & LWR TBG**08\09\97 **CO frac sd, lwr tbg.**
MIRU. Left well on prod.

CWC: \$4,608

08\10\97 **ND BOPs. NU tree. Prep to swb.**
Kill well w/25 BBLs 2% KCl. ND tree. NU BOPs. PU & RIH w/16 jts 2 7/8" tbg. Tag @ 6495'. PU pwr swivel, circ. Add 10 bags Benzoic Flakes. Wash & CO to 6801'. Circ hole cln. RD swivel. POOH. LD 10 jts tbg. Add 10 blast jts. Land in hgr. SDFN.

CWC: \$ 11,560

08/11/97 **Swb. SICP 0, SITP 0. RD floor & tbg equip. ND BOPs, NU WH. MIRU SU. IFL 800'.**
Swb 250 BF/24 runs. FFL 4000'. SDFN.

CWC: \$14,599

08/12/97 **Well on prod. SICP 900#, SITP 150#. RU WU. Swb 60 BF/12 runs. IFL 3000'. RD.**
Put well on prod. Flwd 1000 MCFD, FTP 440#, FCP 895#, on a 20/64" chk.

08/13/97 Flwg 221 MCFD & 20 BWPD on a 30/64" chk, FTP 310#, FCP 950#, LP 310#.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☒GAS ☐

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.:

SW/NE Section 11-T10S-R22E

State: Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**NOTICE OF INTENT**

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO and lwr tbg, lower PLE | |

Date of work completion 08/15/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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Please see the attached chronological well history for work performed on the subject well.
This Sundry replaces the Sundry previously sent 2/25/98.

RECEIVED

MAR 9 1998

WYOMING OIL & GAS
CONSERVATION COMMISSION

13.

Name & Signature: Bonnie Carson

Bonnie Carson

Title: Senior Environmental Analyst

Date

03/06/98

(This space for State use only)

WO tax credit 2/98

*Revised
Chron*

4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON

Total 160 BLW, BLWTR 1583 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$165,432

05/27/97	<u>TIME</u>	<u>CP</u>	<u>TP</u>	<u>CHK</u>	<u>BWPH</u>	<u>SAND</u>
	4:00 PM	825	330	20/64"	4	NON
	6:30 AM	770	300	20/64"	2	NON

Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.

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TC: \$166,732

05/28/97 Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97 Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.

DC: \$68,888

TC: \$235,620

05/30/97 Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

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MIRU. Left well on prod.

CWC: \$4,608

08/10/97 ND BOPs. NU tree. Prep to swb.
Kill well w/25 BBLs 2% KCl. ND tree. NU BOPs. PU & RIH w/16 jts 2φ" tbg. Tag @ 6495'. PU pwr swivel, circ. Add 10 bags Benzoic Flakes. Wash & CO to 6801'. Circ hole cln. RD swivel. POOH. LD 10 jts tbg. Add 10 blast jts. Land in hgr. SDFN.

CWC: \$11,560

08/11/97 Swb. SICP 0, SITP 0. RD floor & tbg equip. ND BOPs, NU WH. MIRU SU. IFL 800'. Swb 250 BF/24 runs. FFL 4000'. SDFN.

CWC: \$14,599

08/12/97 Well on prod. SICP 900#, SITP 150#. RU WU. Swb 60 BF/12 runs. IFL 3000'. RD. Put well on prod. Flwd 1000 MCFD, FTP 440#, FCP 895#, on a 20/64" chk.

08/13/97 ~~Flwg 221 MCFD & 20 BWPD~~ on a 30/64" chk, FTP 310#, FCP 950#, LP 310#.

8/15/97 Install Plunger Lift Equipment.

\$2,360

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U-01194-A-ST

SUNDRY NOTICES AND REPORTS ON WELLS

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6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

NBU #222

2. Name of Operator:

Coastal Oil & Gas Corporation

9. API Well Number:

43-047-32509

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

10. Field and Pool, or Wildcat:

Natural Buttes

4. Location of Well

Footages: 1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E

State: Utah

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NOTICE OF INTENT

(Submit in Duplicate)

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| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Raise tbg & run prod log | |

Date of work completion 06/12/98

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

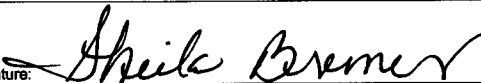
* Must be accompanied by a cement verification report.

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13.

Name & Signature:



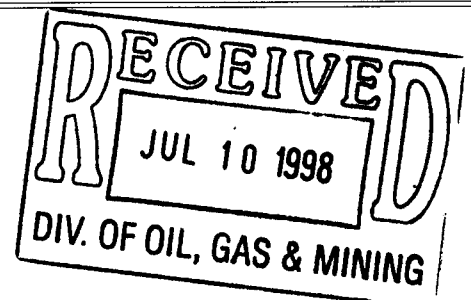
Sheila Bremer

Title Environmental & Safety Analyst

Date

07/08/98

(This space for State use only)



Raise Tbg & Run Prod Log - LOE

- 06/09/98 **POOH w/Tbg for Bumper Spring.** Road rig f/NBU #286 to NBU #222. MIRU PU. SICP 550#, FTP 286#. Blow well dn. ND WH, NU BOPS & chg rams. PU & LD hgr. RU Delsco. RIH & recover plunger. RIH & attempt to recover bumper spring - hung up in collar above XN nipple. Shear off & RD Delsco. Shut tbg in & left csg open for sales @ 5:30 pm. CC: \$3,822
DC: \$3,822
- 06/10/98 **WO Evaluation of Log.** FCP 180#, SITP 20#, 48/64" ck. Blow well dn. POOH w/2-3/8" tbg, XN nipple & pmp off plug. Recover bumper spring scale up & 600' tbg. 12 2-7/8" collars were eaten up. PU NC, 1 jt tbg, SN & RIH w/145 jts 2-7/8" tbg. EOT @ 4500'. RU flow tee adjustable ck & Well Information Serv. Run prod log f/4652'-6697'. Logger TD 6697'. With well flwg FTP 50#, FTP 490#. SI tbg & RD WIS. Leave well flwg on csg to sales @ 6:30 pm. CC: \$11,999
DC: \$8,177
- 06/11/98 **Finish RIH w/Tbg, Csg Scraper, & Bit.** SITP 425#, FCP 275#. Blow well dn. RIH w/31 std tbg. LD 52 jts tbg. Fin POOH w/156 jts 2-7/8" tbg. LD NC & PU 6-1/8" drag bit & 7" csg scraper & RIH w/2-7/8" tbg. High winds. EOT @ 2980'. Leave csg open to sales. Shut dn for wind @ 3:00 pm. CC: \$14,401
DC: \$2,402
- 06/12/98 **RU Delsco & Swab on Well.** Blow well dn. Fin RIH w/2-7/8" tbg, bit, & scraper to 4815'. RU & pmp 150 bbls 2% KCL dn csg. No returns. POOH w/2-7/8" tbg, bit, & scraper. RU Cutters WL & RIH w/6.125 gauge ring & junk basket to 4800'. RIH w/7" RBP & set @ 4700'. RIH w/bailer & dump 1 sx sd on RBP @ 4700'. RD Cutters WL. PU NC & RIH w/2-7/8" tbg. RU & broach tbg to SN @ 4643'. PU hgr & land w/151 jts 2-7/8" 6.5#, N-80 tbg. EOT @ 4676'. SN @ 4643'. RD floor & tbg equip. ND BOPS, NU WH. RU & swab. Made 5 runs, rec 25 BW. IFL 3400', FFL 3300'. ICP 375#, FCP 180#. ITP 400#, FTP 0. RDMO. SWIFN. **Final Report.** CC: \$19,444
DC: \$5,043

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

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1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E

State: Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Set RBP Lower |

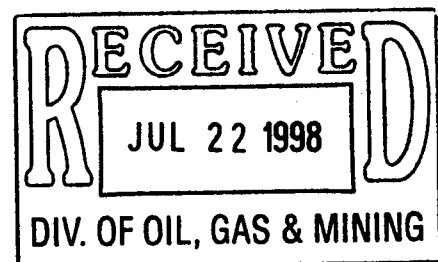
Date of work completion 7/11/98

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13.

Name & Signature:

Title

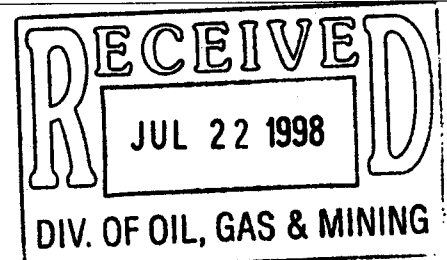
Bonnie Carson

Senior Environmental Analyst

Date

07/20/98

(This space for State use only)



EOE - Set RBP Lower

- 07/02/98 **Prep to RIH w/hydrostatic bailer.** MIRU General Well Service Rig #101. Blow well dn. ND WH, NU BOP. POOH w/2-7/8" tbg. RIH w/retrieving head for RBP & 2-7/8" tbg. Tag fill @ 4692' (RBP @ 4700'). Attempt to brk circ w/275bbls 2% KCL wtr - would not circ. POOH w/tbg & ret head. SDFN.
DC: \$7,047 CC: \$7,047
- 07/03/98 **Finish POOH w/ret tool & tbg.** SICP 200#. Blow well dn. PU & RIH w/ret tool & hyd bailer & tbg. Tag sd @ 4694'. Bailed sd to 7" RBP @ 4700'. Latch onto plug, release & equalize. Pmp 50 bbls 2% KCL dn csg. POOH w/tbg, hyd bailer, & 7" RBP. LD tools. PU 7", 23# RPB & RIH w/tbg. Attempt to set RBP @ 4750' to 4830' - slipping. Flush w/40 bbls dn csg. Attempt to set RBP - not set. POOH w/tbg & RBP. Slips were smooth. PU new 7", 23# RPB w/carb slips. RIH w/tbg. Set RBP @ 4750'. LD 2 jts & POOH w/tbg & ret tool. EOT @ 2238'. SWIFN.
DC: \$6,468 CC: \$13,515
- 07/04/98 **RDMO.** Blow well dn. Finished POOH w/ret tool & LD. PU NC, 1 jt, SN, 151 jts of 2-7/8" tbg. Landed tbg. EOT @ 4704', SN set @ 4671'. ND BOP, NU WH. Broached tbg to SN. RU swab. Made 19 total runs, rec 92 bbls. IFL 2500', FFL 3200'. ICP 100#, FCP 200#. ITP 50#, FTP 0. SDFN.
DC: \$3,405 CC: \$16,920
- 07/05-06/98 **Shut dn for PBU.**
- 07/07/98 **Fish for line & tools.** Made 6 swab runs, rec 30 bbls. ITP 0, FTP 0. ICP 340#, FCP 340#. IFL 3000', FFL 3000'. On 7th run swab line parted in lubricator w/splice 800ft in tbg with 25 ft of tools (1-1/2" weight bar, 8' spring & jars, 2' swab knuckle & mandrel). SWIFN. Will fish in morning.
DC: \$756 CC: \$17,676
- 07/08/98 **Fish w/external spear.** SICP 360#, SITP 0#. Fish swab line in tbg w/internal spear. Fish approx. 120' of cable. SDFN.
DC: \$1,405 CC: \$19,081
- 07/09/98 **RU Delsco & swab.** ITP 0, ICP 400#. Made 2 more trys without side catcher. RD Delsco. MIRU GWS. Blew dn well. ND WH, NU BOP. RU floor tools for 2-7/8" tbg, change rams in BOP. POOH 63 stds, tie onto sand line. Pull sand line & swab. RIH w/same prod string, NC, 1 jt, PSN, 151 jts 2-7/8" N-80 tbg. PU hgr & land. ND BOPS, NU WH. RDMO. SIFN.
DC: \$4,539 CC: \$23,620
- 07/10/98 **Swab.** RU Delsco. Made 22 swab runs, rec 110 bbls. IFL 2800', FFL 3600'. ITP 0, FTP 0. ICP 40#, FCP 150#. Drop 2 soap sticks. SIFN.
DC: \$1,384 CC: \$25,004
- 07/11/98 **SI - wait on AFE or orders.** Made 28 swab runs, rec 140 bbls. FFL 3600'. ICP 225#, FCP 350#. ITP 0, FTP 0. SI well, wait on AFE or orders. Drop from report for further evaluation.
\$1,496 CC: \$26,500

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 1667' FNL & 2602' FEL

County: Uintah

QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**NOTICE OF INTENT**

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Install Pumping Unit _____ |

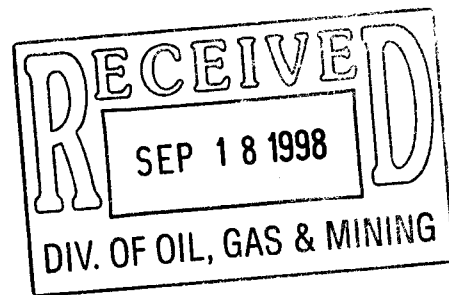
Date of work completion 09/09/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13.

Name & Signature

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

09/15/98

(This space for State use only)

Install Pumping Unit (AFE #28105)

09/02/98 **Prep to RIH w/retr tool for RBP.** MIRU CWS rig # 26. SICP 550 psi, FTP 0. Blow dn csg. ND WH. NU BOP. LD tbg hgr. RIH w/tbg. Tag RBP @ 4750' (no fill on RBP). POOH w/2 7/8" tbg. SDFN.
DC: \$5,503 CC: \$5,503

09/03/98 **Prep to kill well & set tbg anchor.** SICP 0. RIH w/retr tool for RBP. Rlsd RBP @ 4750'. Well kicked. SICP incr to 520 psi. Blow dn & kill well w/150 bbls 2% KCl wtr. POOH & LD RBP & retr tool. RIH w/bull plug, 2 7/8" x 4' perf tbg sub, 1 jt 2 7/8" J-55 tbg, PSN, 53 jts 2 7/8" J-55 tbg, 4 jts 2 7/8" N-80 tbg, Baker TAC, & 148 jts 2 7/8" N-80 tbg. EOT @ 6545'. Well kicked. SWIFN.
DC: \$5,752 CC: \$11,255

09/04/98 **Producing.** SITP 600 psi, SICP 600 psi. Blow dn & kill well w/80 bbls 2% KCl wtr. ND BOP. Set Baker TAC @ 4592' w/14,000# tension. Land tbg - EOT @ 6549' & PSN @ 6514'. RU to run rods. RIH w/2 1/2" x 1 1/2" x 12' x 15' x 17' RHAC pmp, 10 - 7/8" guided rods, 70 - 3/4" guided rods, 178 - 3/4" slick rods, 1 - 2' x 3/4" rod sub & 1 1/2" x 22' polished rod. Hung on. Loaded tbg w/5 BW & press test to 500 psi. Started pmpg.
DC: \$15,470 CC: \$26,725

09/05/98 Flwg 8 MCF, 83 BW, CP 286 psi, 16 hrs (pmpg).

09/06/98 Flwg 156 MCF, 108 BW, CP 289 psi, 24 hrs (pmpg).

09/07/98 Flwg 156 MCF, 123 BW, CP 290 psi, 24 hrs (pmpg).

09/08/98 Flwg 418 MCF, 234 BW, CP 350 psi, 24 hrs (pmpg).

09/09/98 Flwg 386 MCF, 135 BW, CP 299 psi, 64/64" ck, LP 291#. Prior production: 0 - well logged off. **Final Report.**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. Lease Designation and Serial Number: U-01194-A-ST
	6. If Indian, Allottee or Tribe Name: N/A
	7. Unit Agreement Name: Natural Buttes
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: NBU #222
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: 43-047-32509
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, or Wildcat: Natural Buttes

4. Location of Well

Footages: **1667' FNL & 2602' FEL** County: **Uintah**

QQ, Sec., T., R., M.: **SW/NE Section 11-T10S-R22E** State: **Utah**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | Site Security Plan |

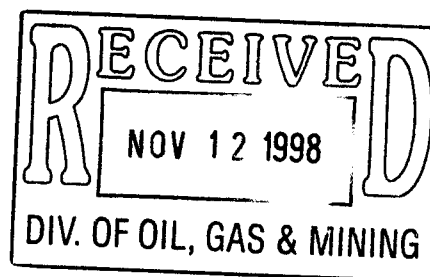
Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached updated site security diagram for the subject well.



13.

Name & Signature: _____

Title

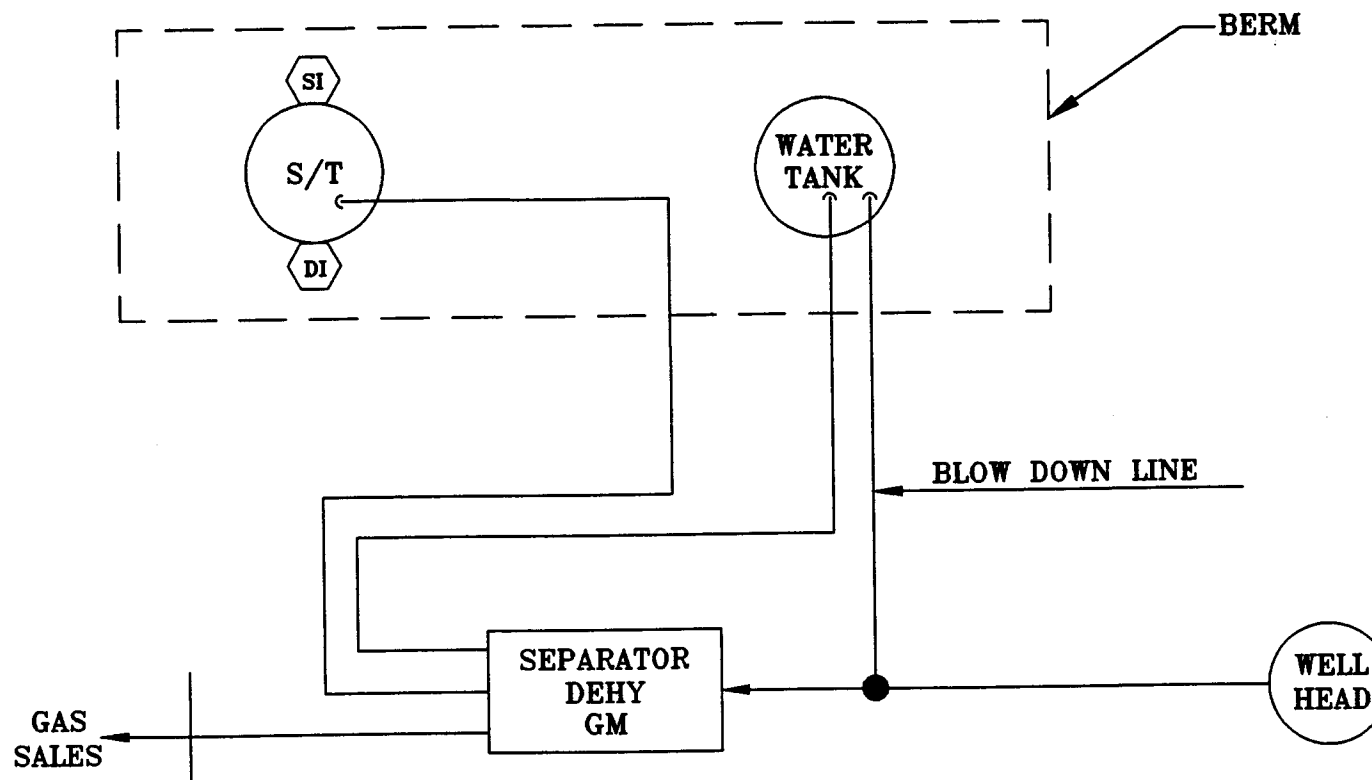
Sheila Bremer

Environmental & Safety Analyst

Date

11/05/98

(This space for State use only)



This lease is subject to the site
security plan for the Natural
Buttes Field for Coastal Oil & Gas.
The plan is located at:
Coastal Oil & Gas Corp.
Vernal District Office
1176 East 1500 South
Vernal, UT 84078



Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

NBU #222

SW NE SEC. 11 T10S-R22E

U-01194-A-ST

NBU #222

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Open	No

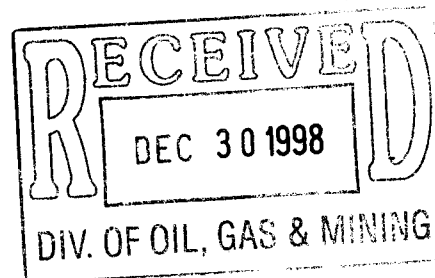
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		5. Lease Designation and Serial Number: U-01194-A-ST
		6. If Indian, Allottee or Tribe Name: N/A
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		7. Unit Agreement Name: Natural Buttes
2. Name of Operator: Coastal Oil & Gas Corporation		8. Well Name and Number: NBU #222
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		9. API Well Number: 43-047-32509
4. Location of Well Footages: 1667' FNL & 2602' FEL QQ, Sec., T., R., M.: SW/NE Section 11-T10S-R22E		10. Field and Pool, or Wildcat: Natural Buttes
County: Uintah		State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other Perforate, acidize, and fracture
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>12/28/97</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

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* Please see the attached chronological history for work performed on the subject well.



13.		Bonnie Carson	Title: Senior Environmental Analyst	Date: 01/30/98
Name & Signature: _____				
(This space for State use only)				

WTC
1-11-99
RSC

06/01/97 Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20

06/02/97 Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30

06/03/97 Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.

06/04/97 Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.

06/05/97 Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Completion. **Final Report**

CLEAN OUT & LWR TBG

08\09\97 **CO frac sd, lwr tbg.**
MIRU. Left well on prod. CWC: \$4,608

08\10\97 **ND BOPs. NU tree. Prep to swb.**
Kill well w/25 BBLS 2% KCl. ND tree. NU BOPs. PU & RIH w/16 jts 2 " tbg. Tag @ 6495'. PU pwr swivel, circ. Add 10 bags Benzoic Flakes. Wash & CO to 6801'. Circ hole cln. RD swivel. POOH. LD 10 jts tbg. Add 10 blast jts. Land in hgr. SDFN.
CWC: \$ 11,560

08/11/97 **Swb.** SICP 0, SITP 0. RD floor & tbg equip. ND BOPs, NU WH. MIRU SU. IFL 800'. Swb 250 BF/24 runs. FFL 4000'. SDFN. CWC: \$14,599

08/12/97 **Well on prod.** SICP 900#, SITP 150#. RU WU. Swb 60 BF/12 runs. IFL 3000'. RD. Put well on prod. Flwd 1000 MCFD, FTP 440#, FCP 895#, on a 20/64" chk.

08/13/97 Flwg 221 MCFD & 20 BWPD on a 30/64" chk, FTP 310#, FCP 950#, LP 310#.

8/15/97 Install Plunger lift equipment. TC: \$2360

RECOMPLETE WASATCH & MESAVERDE

11/17/97 **RIH w/2 7/8" tbg.** MIRU rig & equip. FTP 293#, SICP 1050#. Bled off, pumped 45 bbls 2% KCL dwn csg & 10 bbls 2% KCL dwn tbg. N dn H NU BOP. PU & RIH w/2 7/8" tbg, tag @ 6801'. POOH w/2 7/8" tbg. RIH w/7" CIBP & setting tool & 2 7/8" tbg. EOT @ 2529'. SDFN.
DC: \$9,594 TC: \$ 9,594

11/18/97 **Ck well & RD.** SITP 650#. SICP 700#. Bled off. RIH w/2 7/8" tbg, well kicked. Pumped 30 bbls 2% KCL dwn csg & 15 bbls 2% KCL dwn tbg. Set CIBP @ 6380'. POOH w/EOT @ 6314', spot acid across MU perfs f/6254' - 6312' w/20 bbls 2% KCL, 100 gals 7 1/2" HCL w/add. Flush w/36 bbls 2% KCL. LD 70 jts 2 7/8" tbg. POOH w/2 7/8" tbg & LD setting tool. RIH w/ 2 7/8" collar on btm of btm jt, 148 jts 2 7/8" tbg & blast jt. EOT @ 4583'. ND BOP & NU WH, RU swab, 2 hrs, 4 runs, 48 BW. PH-6, IFL 400, FFL 2900'. SDFN & SWI.
DC: \$6,181 TC: \$16,722

11/19/97 **WO frac job.** STIP 75#, SICP 50#. Bled off. RU swab, IFL 1100', FFL 4500' 3 1/2 hrs, 14 runs, 70 bbls wtr. PH 7, CP 10#. Swabbed dry, RD swab & drain lines. SWI SDFN.
DC: \$4,887 TC: \$21,881

11/23/97 Rig shut down WO frac. Hauling water.

11/27-28/97 Shut down.

11/29/97 **Set CIBP, perf.** Finish rig up BJ Services. Held safety meeting. Test 5260, pump 20 bbl 2% to determine # holes open 3-9 and opening frac zone 6254-6312. All perfs opened win acid hit frac w/87000# 20/40 sand & 743 bbls Viking 125. Avg rate 33.5 @ 3300 psi. Max rate 41 BPM @ 4500 psi. Frac gradient 957. Try to set plug in 10 min, 30 min rig up Cutters. RIH, tag sand @ 6237'. RIH, set CIBP in 2 7/8" tbg @ 4570'. Pull out, nipple down well head, nipple up 4570'. Pull out, nipple down well head, nipple up BOP & rig up snubbing unit. POOH. Flowing csg slow on 18" choke on the way out of hole. SIFN.
DC: \$53,418 TC: \$78,504

- 11/30/97 **Flow back after frac.** SICP 0, RD snubbing unit. NU frac valve, RU Cutters WLS. Set CIBP @ 6000', perf 1 spf w/ 4" csg gun 5752- 5762' (40 holes). SICP 0 before & after perf. RU BJ. Hold safety meeting. PT lines to 5200 psi. Brk dn perfs 4.5 BPM & 3140 psi to 27 bpm & 1200 psi. Frac (stage 2) w/11,300 gal Viking 126 & 40,100# 20/40 sd. Ramped 2-8 ppg. AIR 30.5 bpm & 1800 psi. MP 2500 psi. ISIP 2150 psi, 5 min 1860 psi, 10 min 1730 psi, 15 min 1690 psi. RU WL, set CIBP @ 5200'. Perf 1 spf w/4" csg gun 4652-56', 4667-72', 4709-18' & 4927-28' (total 22 holes). Brk dn perfs @ 5 bpm 4690 psi to 26 bpm & 2180 psi. Frac (stage 3) w/24,360 gal Viking 126 & 99,610# 20/40 sd. Ramped 2-6 ppg avg IR 28.6 bpm @ 1300 psi. MP 1900 psi, ISIP 1600 psi, 5 min 1480 psi, 10 min 1390 psi, 15 min 1280 psi, 30 min 1210 psi, RD BJ & Cutters. SICP 1100 psi. Start flwback on 20/64" choke. Flwback 100 mcf, 470 BW, FCP 75#, 18/64" ck, LLTR 1763 bbls.
DC: \$58,320 TC: \$ 140,323
- 12/1/97 **Flow back after frac.** FCP 76 psi, 18/64" choke, 20 BW/hr, no gas. Opened choke, pumped 15 bbls water, well pressured up, could not kill well. FCP 0, open choke, 86 BW/hr, no gas. FCP 0, open choke, 65 BW/hr, no gas. FCP 0, open choke, 74 BW/hr, no gas. FCP 0, open choke, 52 BW/hr sli gas cut. FCP 10 psi, open choke, 25 BW/hr, v hvy gas cut. Change choke to 20/64". FCP 200 psi. Flowed overnight on 20/64" choke. Flowback 500 mcf, 300 BW, FTP 0, FCP 500#, 20/64" choke, LLTR 1463 bbls.
DC: \$6,430 TC: \$146,079
- 12/2/97 **Kill well & changout BOPs.** 600# SIP. Blow dn, RU pmp, pmpd 180 bbls 2% KCl. Could not kill well. NU BOPs, RU snubbing unit. RIH w/ 6-1/8" mill, pmp off sub. X/O to 2-3/8" SN, X/O to 2-7/8". 1 jt 2-7/8" tbg, 2-7/8" SN. Tag @ 5226'. RD snubbing unit. POOH w/2-7/8" tbg. EOT @ 4600', pipe rams on BOPs would not close. Left well w/ flowback crew. Left well flowing on 3/4" choke, w/ 2 lines to pit. Order out 10# brine to kill well in A.M. Land tbg & change out BOPs. SDFN.
DC: \$7,741 TC: \$154,284
- 12/3/97 **RIH & CO.** SITP 0, FCP 125# 64/64" choke. RU pmp & lines. Pmp 110 bbls 10# brine to kill well. Land tbg, NU BOPS & frac valve. NU BOPS, drain pmp & lines. SWI. SDFN.
DC: \$3,196 TC: \$157,671
- 12/4/97 **RIH & CO.** SICP 750#, SITP 600#. Bled off. Pumped 5 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg. Tag @ 5209. RU pwr swvl. Drl on CIBP f/5 1/2 hrs w/well flowing up csg @ 500# dwn to 250# on a 48/64" choke. RD pwr swvl. RIH w/2 7/8" tbg. Tag @ 5760. POOH w/2 7/8" tbg. EOT 4,600', SWI & drain pmp & lines.
DC: \$4,731 TC: \$162,686
- 12/5/97 **RIH, RU foam unit.** SICP 150 # SITP 700#. Bled off. RIH w 2 7/8 tbg, tag @ 5770. RU power swivel, clean out to 5785'. Well stopped flow up csg, broke circ w/80 bbls 2% KCL. Circ out sand. Losing a lot of fluid. RD power swivel. POOH w/2 7/8 tbg, 6 1/8 mill. Mill half worn out. RIH w/6 1/8 mill. Bit sub, pump off sub, 1 jt 2 7/8 tbg. EN nipple w/plug & 2 7/8 tbg. EOT 4600' drain pump & lines. SDFN.
DC: \$ 5,754 TC: \$168,785
- 12/6/97 **RIH & CO.** SITP 0, SICP 30#. RIH w/2 7/8" tbg. Tag sand @ 5763'. RU pwr swvl & air foam unit. Brk circ w/AF. CO to 5939' pushing old CIBP all the way. Blow clean, pump 10 bbls 2% KCL. POOH w/2 7/8" tbg. EOT @ 4667'. Drain pump & lines. SWI. SDFN.
DC: \$7,738 TC: \$176,987
- 12/7/97 **RIH w/tbg. F/CO. SD & drill CIBP.** SICP 1050 psi. Blowwell dn. RIH w/2 7/8 tbg. Tag sd @ 5924' . RU swivel & b/circ w/air foam. CO f/5924' to 6,000'. Drlg CIBP @ 6000'. Circ hole clean @ 6062'. Pump 10 bbls 2% KCL dn tbg. RD swivel & RIH w/2 7/8 tbg. Tag sd @ 6330'. POOH w/2 7/8 tbg f/above perf. EOT 4637' & SWIFN @ 5:30 PM.
DC: \$5,950 TC: \$183,294
- 12/8/97 **Blow well dn. F/CO sd. Drlg CIBP.** SICP 1300 psi. SITP 800 psi. Blow well dn. RIH w/51 jts 2 7/8 tbg. Tag sd @ 6322'. RU swivel & b/circ w/air foam. CO f/6322-6336'. Air foam unit out of fuel. PU off btm & rotate WO fuel & blade to blade hills. CO f/6333 to 6345' w/air foam & drlg on 2nd CIBP. Circ hole clean @ 5345'. Pump 10 bbls 2% KCL dn tbg. RD swivel & POOH w/2 7/8 tbg f/above perf. EOT @ 4637' SWIFN @ 5:30PM.
DC: \$7,809 TC: \$191,572
- 12/9/97 **RIH & CO.** SICP 1380#. SITP 900#. Blow dn. RIH w/2 7/8" tbg, tag sand & pieces of old BP @ 6518'. RU pwr swvl. String float break circ w/air foam unit. CO to 6380'. Tag CIBP. PU 10' sub dril on BP f/4 hrs. Push ahead to 6542'. Circ clean. RD pwr swvl. POOH w/2 7/8" tbg. EOT 4637' SWI. SDFN.
DC: \$ 7,965 TC: \$200,003

12/10/97 **RIH & CO.** SICP 1150# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6518'. RU pwr swvl & string float. Break circ w/air foam unit. CO to 8532'. Fan went thru the radiator on the pwr swvl. Order out another pwr swvl. RU new pwr swvl. CO to 6611'. Blow clean, RD pwr swvl. POOH w/2 7/8" tbg. EOT @ 4637'. SWI. SDFN.
DC: \$ 9,758 TC: \$210,346

12/11/97 **RIH & ck f/fill.** SICP 1050# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6546'. RU pwr swvl & string float. Break circ w/air foam unit. CO to PBTB @ 6801'. Blow clean f/2 hrs. RD pwr swvl & POOH w/2 7/8" tbg. EOT @ 4637'. SWI.
DC: \$7,458 TC: \$218,252

12/12/97 **RD rig & equip.** SITP 750# SICP 1000#. Blow down pmp 15 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg, tag @ 6731'.66' of fill. RU pwr swvl & string float. Brk circ w/air foam unit, CO to 6801'. Circ clean, RD pwr swvl. POOH & LD 10 jts 2 7/8" tbg. Land tbg w/EOT @ 6503'. XN nipple @ 6489'. RD. ND BOP, NU WH, RU Delsco. RIH & fish plug f/XN nipple. Just got top half of XN plug. Pmpd 10 bbls 2% KCL. Press up w/air foam unit to 1150#. Press dropped off. RD WLS & foam unit. NU flowline to pit, turn over to flwback crew. SDFN. Flwg 0 mcf, 5 BW, FTP 0#, FCP 1025#, 48/64" ck, LLTR 198 bbls.
DC: \$12,927 TC: \$231,955

12/13/97 **RIH w/2 " CIBP & POOH w/2 " tbg.** SICP 1050# , SITP 0#. RIH w/sinker bars & found that mill was not gone. POOH w/sinker bars. Pmp 60 bbls 2% KCL. Call out Cutters WLS. RU WLS, RIH w/radial cutter. Couldn't get past 6470' XN nipple. POOH & RIH w/sinker bars. Flw dn csg, press tried to knock plug out of tbg. No luck. POOH & SWIFN.
DC: \$7,155 TC: \$239,539

12/14/97 **Prep to land tbg & RD CUDD.** SICP 850#, SITP 600#. PU RIH w/2 7/8" CIBP on Cutters WL. Set plug @ 6468. POOH w/WL. RD Cutters. Blow down tbg & csg. ND WH, NU BOPs, RU floor & equip. POOH to 2500'. Well kicking. RU snubbing unit. Finish TOOH. LD 1 jt w/CIBP. TIH w/1 NC, 1 jt tbg, 1-XN nipple & 209 jts tbg. SWIFN.
DC: \$10,972 TC: \$251,169

12/15/97 **RD GWS. MIRU Delsco.** SITP 0#, SICP 1100#. PU & land tbg @ 6503'. XN nipple 6569'. RD cudd. NDBOP, NU WH. Drop ball to release exp plug. Chase w/60 bbls 2% KCL water. Didn't see any press at all. RIH w/sinker bars. Tag at 6500' +/- . POOH. RU swab. IFL 900'. Made 14 swab runs, recovered 150 bbls. FFL 1900'. Csg press 1180 psi. Gas cut fluid on last three runs. SWI. SDFN. Drain flow lines.
DC: \$7,147 TC: \$258,745

Initiate Swabbing Operations

12/16/97 **Try to produce.** MIRU Delsco. ITP 200, ICP 1050, IFL 1800. 8 runs 80 bbls, flow well 20 bbls. SIFN, will try to put on in morning. FTP 300, FCP 850, FLL 2000, lots of water. Flow line needs to be redone off wellhead.
DC: \$978 TC: \$978

12/17/97 **Open to pit 24/64 choke.** Delsco, ITP 750, ICP 1250. Blow dn 10 mins, IFL 2000. 8 runs 80 bbls. Blow well, 35 bbls, total 115 bbls. FTP 250, FCP 1050, FFL 1600. Open to pit on 24/64 choke, unloading. TP 320, SICP 945 at 2:15P. Will try to produce in morning.
DC: \$813 TC: \$1,791

12/18/97 **Open to pit.** Delsco. ITP 0, ICP 1300. 5 runs 60 bbls. Blow well 60 bbls. Total 120 bbls. FFL 2000. Open well to blow, put in 24/64. Well just about died. Open well full choke, unload water. Put in 48/64 ck to pit. 3 AM. FTP 200 SICP 750. Very wet gas on 48/64 ck.
DC: \$738 TC: \$2,529

12/19/97 **Prep to swab.** Delsco. FTP 160, SICP 650. SI. Hooked up prod line, put on sales, will not produce. 270 TP, 950 CP. Tried to blow well, went dead. SI will swab in morning.
DC: \$350 TC: \$3,029

12/20/97 **Open to pit on 30/64.** Delsco. ITP 40, ICP 1200 IFL 3200. 2 runs 15 bbls, flow 70 bbls, total 85. Put in 48/64 choke at 10:00A. TP 160, CP 950. 30/64 at 1:00P to pit. Press at 3:00P FTP 320, SICP 850 still wet gas.
DC: \$1,055 TC: \$3,646

12/21/97 **Selling.** ITP 300, ICP 800. Shut in to hook up prod line. Start fires - warm up separator & dehy. Turn down line on 20 choke. FTP 375, FCP 825.
DC: \$690 TC: \$4,336
Additional charge: backfilling pit.
DC: \$7,035 TC: \$11,371

Additional charge: hauling water from pit.
DC: \$25,000

TC: \$36,371

12/22/97 Flwg 528 MCF, 219 BW, FTP 400#, CP 895#, 20/64" ck, 24 hrs.

12/23/97 Flwg 498 MCF, 188 BW, FTP 360#, CP 900#, 20/64" , 24 hrs.

12/24/97 Flwg 486 MCF, 197 BW, FTP 410#, CP 900#, 20/64" ck, 24 hrs.

12/25/97 Flwg 458 MCF, 187 BW, FTP 360#, CP 900#, 20/64" ck, 24 hrs.

12/26/97 Flwg 459 MCF, 170 BW, FTP 350#, CP 900#, 20/64" ck, 24 hrs.

12/27/97 Flwg 440 MCF, 160 BW, FTP 350#, CP 890#, 20/64" ck, 24 hrs.

12/28/97 Flwg 432 MCF, 100 BW, FTP 340#, CP 900#, 20/64" ck, 24 hrs. Prior
prod: Flwg 181 MCF, 5 BW, FTP 296#, CP 1041#, 30/64" ck 24 hrs. **Final Report**

1/7/97 **Check Well.** ITP 180 psi, ICP 1250 psi. MIRU Delsco swabbing unit. Ran swab. Found
FL @ 2000'. Made 4 runs, well kick off. Recover 24 bbls. FFL @ 3000'. FCP 1200 psi.
FTP 200 psi. SDFN. Put well on production.
DC: \$1,078 CC: \$1,078

Reclaim Pit

2/12/98 **Producing.** Close reserve pit & clean up location.
DC: \$6,000 CC: \$6,000

Raise Tbg & Run Prod Log - LOE

06/09/98 **POOH w/Tbg for Bumper Spring.** Road rig f/NBU #286 to NBU #222. MIRU PU. SICP
550#, FTP 286#. Blow well dn. ND WH, NU BOPS & chg rams. PU & LD hgr. RU
Delsco. RIH & recover plunger. RIH & attempt to recover bumper spring - hung up in collar
above XN nipple. Shear off & RD Delsco. Shut tbg in & left csg open for sales @ 5:30 pm.
DC: \$3,822 CC: \$3,822

06/10/98 **WO Evaluation of Log.** FCP 180#, SITP 20#, 48/64" ck. Blow well dn. POOH w/2-3/8"
tbg, XN nipple & pmp off plug. Recover bumper spring scale up & 600' tbg. 12 2-7/8"
collars were eaten up. PU NC, 1 jt tbg, SN & RIH w/145 jts 2-7/8" tbg. EOT @ 4500'. RU
flow tee adjustable ck & Well Information Serv. Run prod log f/4652'-6697'. Logger TD
6697'. With well flwg FTP 50#, FTP 490#. SI tbg & RD WIS. Leave well flwg on csg to
sales @ 6:30 pm.
DC: \$8,177 CC: \$11,999

06/11/98 **Finish RIH w/Tbg, Csg Scraper, & Bit.** SITP 425#, FCP 275#. Blow well dn. RIH w/31
std tbg. LD 52 jts tbg. Fin POOH w/156 jts 2-7/8" tbg. LD NC & PU 6-1/8" drag bit & 7"
csg scraper & RIH w/2-7/8" tbg. High winds. EOT @ 2980'. Leave csg open to sales. Shut
dn for wind @ 3:00 pm.
DC: \$2,402 CC: \$14,401

06/12/98 **RU Delsco & Swab on Well.** Blow well dn. Fin RIH w/2-7/8" tbg, bit, & scraper to 4815'.
RU & pmp 150 bbls 2% KCL dn csg. No returns. POOH w/2-7/8" tbg, bit, & scraper. RU
Cutters WL & RIH w/6.125 gauge ring & junk basket to 4800'. RIH w/7" RBP & set @
4700'. RIH w/bailer & dump 1 sx sd on RBP @ 4700'. RD Cutters WL. PU NC & RIH w/2-
7/8" tbg. RU & broach tbg to SN @ 4643'. PU hgr & land w/151 jts 2-7/8" 6.5#, N-80 tbg.
EOT @ 4676'. SN @ 4643'. RD floor & tbg equip. ND BOPS, NU WH. RU & swab.
Made 5 runs, rec 25 BW. IFL 3400', FFL 3300'. ICP 375#, FCP 180#. ITP 400#, FTP 0.
RDMO. SWIFN. **Final Report.**
DC: \$5,043 CC: \$19,444

LOE - Set RBP Lower

07/02/98 **Prep to RIH w/hydrostatic bailer.** MIRU General Well Service Rig #101. Blow well dn.
ND WH, NU BOP. POOH w/2-7/8" tbg. RIH w/retrieving head for RBP & 2-7/8" tbg. Tag
fill @ 4692' (RBP @ 4700'). Attempt to brk circ w/275bbls 2% KCL wtr - would not circ.
POOH w/tbg & ret head. SDFN.



June 23, 1999

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

ATTENTION: Ed Forsman /Wayne Bankert / Greg Darlington

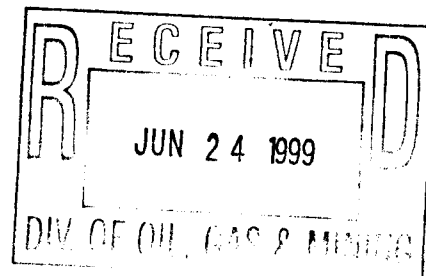
Gentleman:

Enclosed are the original and two copies of the Sundry Notices and Reports on the Ouray # 6-66 and the NBU # 222.

If you have any questions or need additional information, please do not hesitate to call me, (435) 7789-4433.

Sincerely,

Katy Dow
Environmental Secretary



Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1176 S 1500 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

cc w/encl: Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
PO Box 70
Ft. Duchesne, UT 84026

Mr. Charles Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
PO Box 130
FT. Duchesne, UT 84026

Ms. Lisha Cordova
State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

14827

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

NBU

#222

9. API Well No.

43-047-32509

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Utah County

UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435)781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec.11, T10S, R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other Recompletion

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

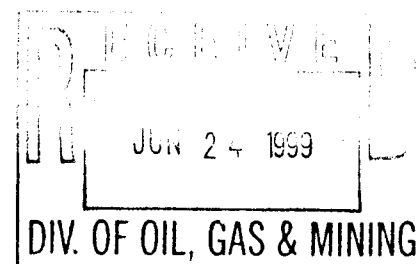
☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to recomplete the above referenced well.

Refer to attached Recompletion Procedure



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date

6/23/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NBU #222 - TA the Mesa Verde

Section 11 - T10S -R22E

Uintah County, UT

June 16, 1999

ELEVATION:	5034' GL	5046' KB
TOTAL DEPTH:	6900'	PBTD: 6762' (Fill)
CASING:	7", 23#, C-95 @ 6896' (0.0394 bpf, 25.40 fpb)	
	Burst 7530 psi	Collapse 4150 psi

PERFORATIONS:

Wasatch

4652' - 4656'

4667' - 4672'

4709' - 4718'

4927' - 4928'

5752' - 5762'

Mesa Verde

6254' - 6258', 6268' - 6272', 6292' - 6296'

6310' - 6312', 6478' - 6479', 6490' - 6494'

6506' - 6510', 6526' - 6528', 6704' - 6705', 6716' - 6720'

DISCUSSION

This procedure will cover the work to clean & inspect tubing, set a CIBP over the Mesa Verde, and run the tubing. The well is currently shut-in. The rods tubing will be singled down and the tubing will be sent to PRS in Vernal to be cleaned and inspected. A CIBP will be set at 6220' to eliminate the water from the Mesa Verde. The EOT will be set at 5750'. The Wasatch will tried to be flowed without any artificial lift. If the well does not flow, the well can be returned to rod pumping.

PROCEDURE

1. MIRU workover rig. ND tree. NU BOPE. Test to 500 psi. and 5000 psi.
2. Pick up and lay down the tubing hanger. POOH and single down the rods. POOH singling down the tubing. Send the tubing to PRS. Have PRS rattle and inspect the tubing. Haul the tubing back to location.
3. Single in the hole with 7" scraper to 6250'. Make several passes from 6200'-6250' to insure the casing is clean. POOH.
4. Rig up service company. RIH with 7" CIBP. Set the CIBP at 6220'. Rig down service company.
5. Pick up notched collar, 1 jt. of 2-3/8" tubing, and PSN. Land the tubing with the notched collar at 5750'.
6. ND the BOP and NU the tree.
7. RU to swab. Swab the well until it kicks off. Turn to sells.
8. If the well will not swab in, lower the tubing to 6000', rerun the rod string, and return the well to rod pumping.

LLA

Approvals:

Prod. Manager



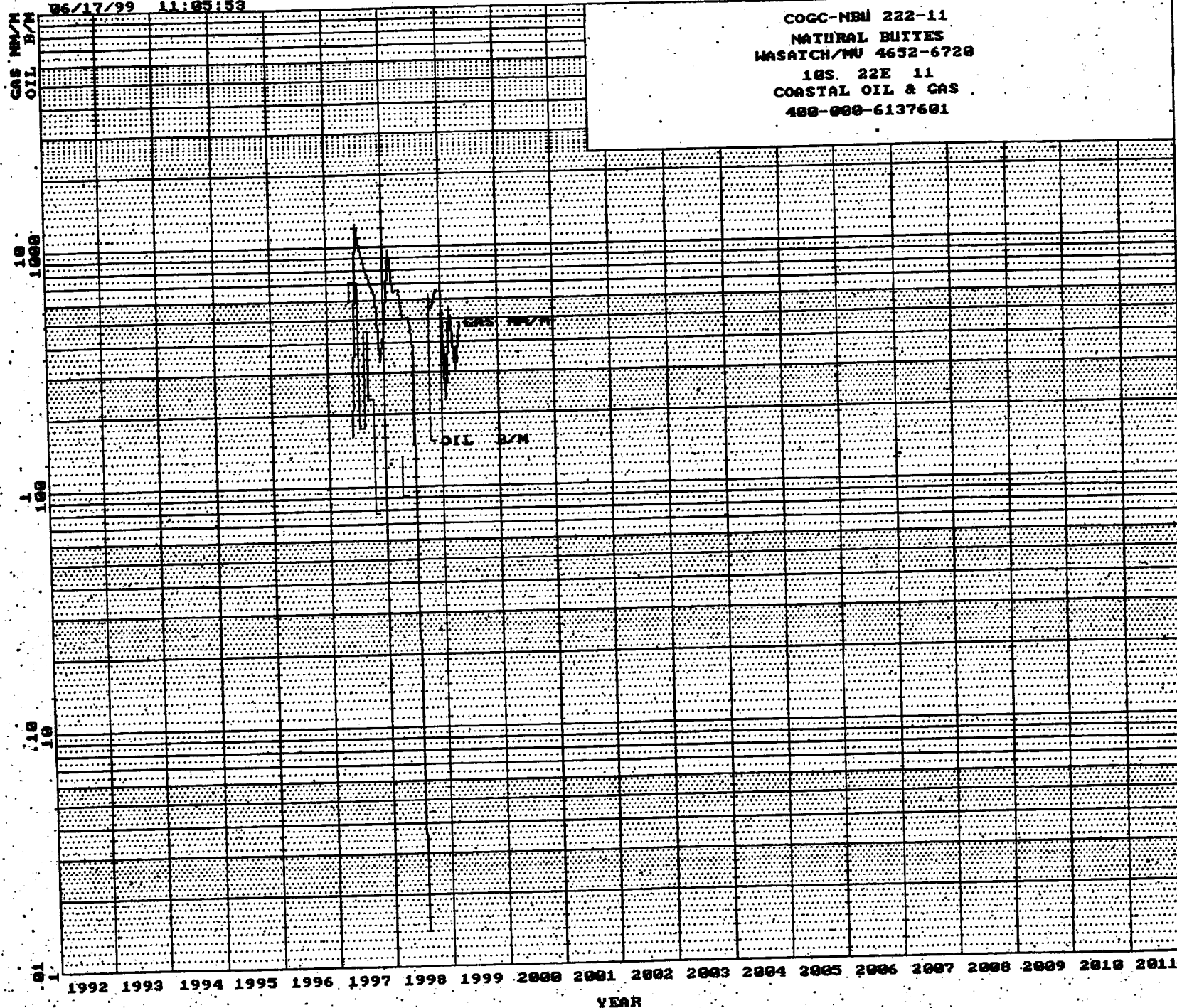
Tech Mgr

VP

SEQUENCE NO. 7658

06/17/99 11:05:53

COGC-NBU 222-11
NATURAL BUTTES
WASATCH/MU 4652-6728
18S 22E 11
COASTAL OIL & GAS
400-000-6137601



DATE: 06/15/99 WELL: NBU#222 COUNTY: UINTAH SEC: 11
FOREMAN: L. Arnold FIELD: NBU STATE: UTAH TWS: 10S
RGE: 22

KB 5046'
GL 5034'
Tbg Hanger 1.00

RIG No. _____

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
7	23	C-95	LT&C	0	6896'

8-5/8" Csg @

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2.875	6.5	N-80J-55	8RD	0	6683'

JTS	PSN	TAC	MUD ANCHOR
216	6640		Size Length

SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

215 jt 6639.20

ROD ROTATOR Yes No

GAS ACHOR Size Length

ROD GUIDE PLACEMENT (DESCRIBE):

174-3/4" SLICK EL 1-2' 3/4" PONY SUB
80-3/4" GUIDED EL
10-7/8" GUIDED EL
E.O.T. RODS @ 6633'

PUMP DATA:

MANUFER SIZE DESCR

SPM SL

COMMENTS/PERFORATIONS:

STUCK PUMP W/SCALE & SD BACK OFF ROD. P.O.O.H W/27/8 TBG
CLEAN OUT W/AIR FOAM. RUN TBG BACK IN & LAND. RUN HOLE
W/PUMP & RODS STACK OUT @ 5800' ACID TBG & BROACH
TBG. R.I.H. W/27/8 TBG & NC & LAND
R.I.H. W/ROD & HANG OFF ON POLISH ROD CLAMP
SWIFD & W.O. AFE

Wasatch: 4652'-56', 4667'-72', 4709'-18', 4927'-28', 5752'-62

Mesa Verde: 6254'-58', 6268'-72', 6292'-96', 6310'-12', 6478'-79'
6490'-94', 6506'-10', 6526'-28', 6704'-05', 6716'-20'

PSN 1.10

1 jt tbg 29.09

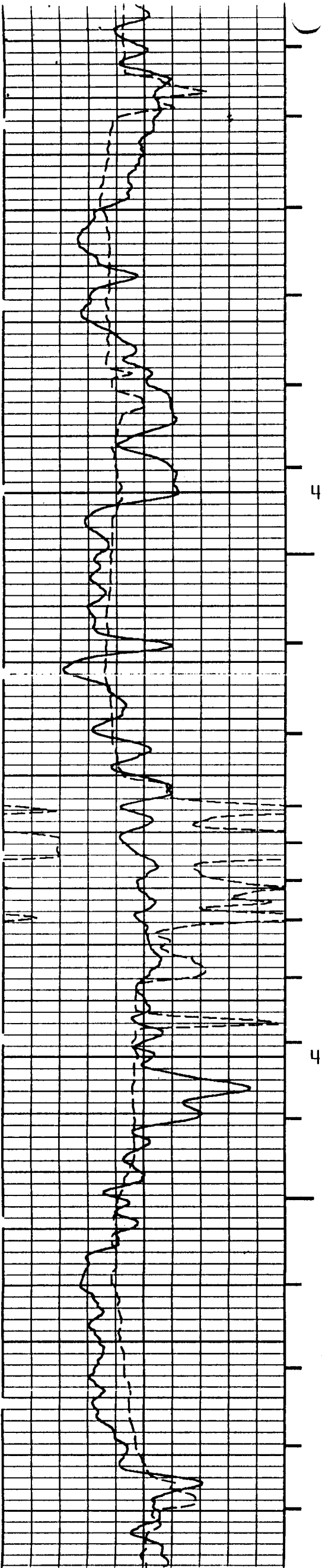
NC 0.50

EOT @ 6671'

FILL
6762'

Orig. PBTD 6801'

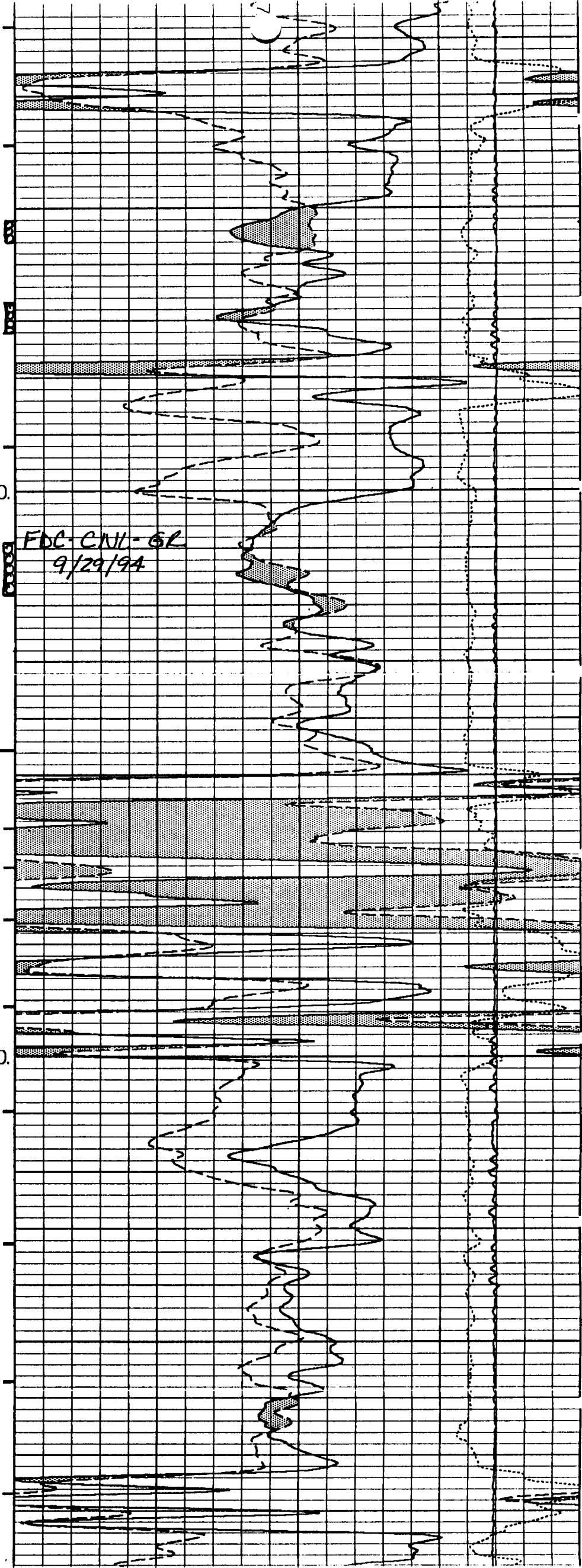
7" 23# SET@ 6896'

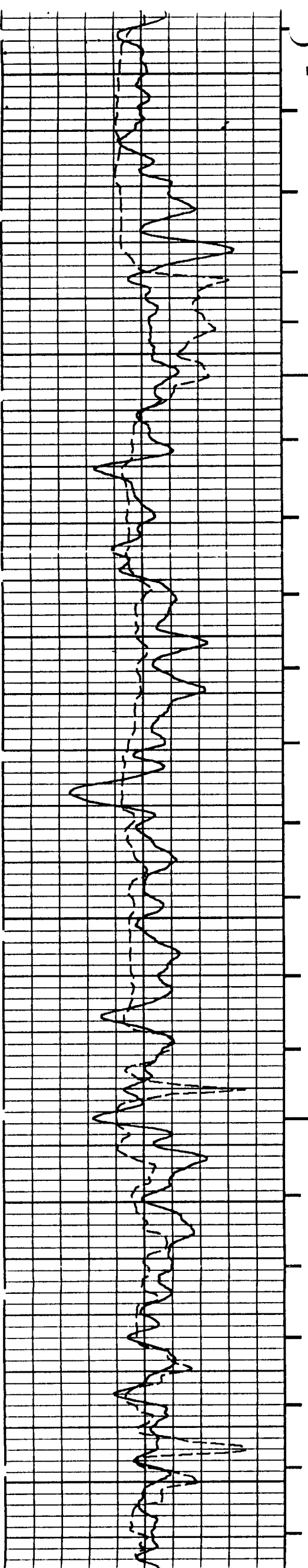


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9/29/94

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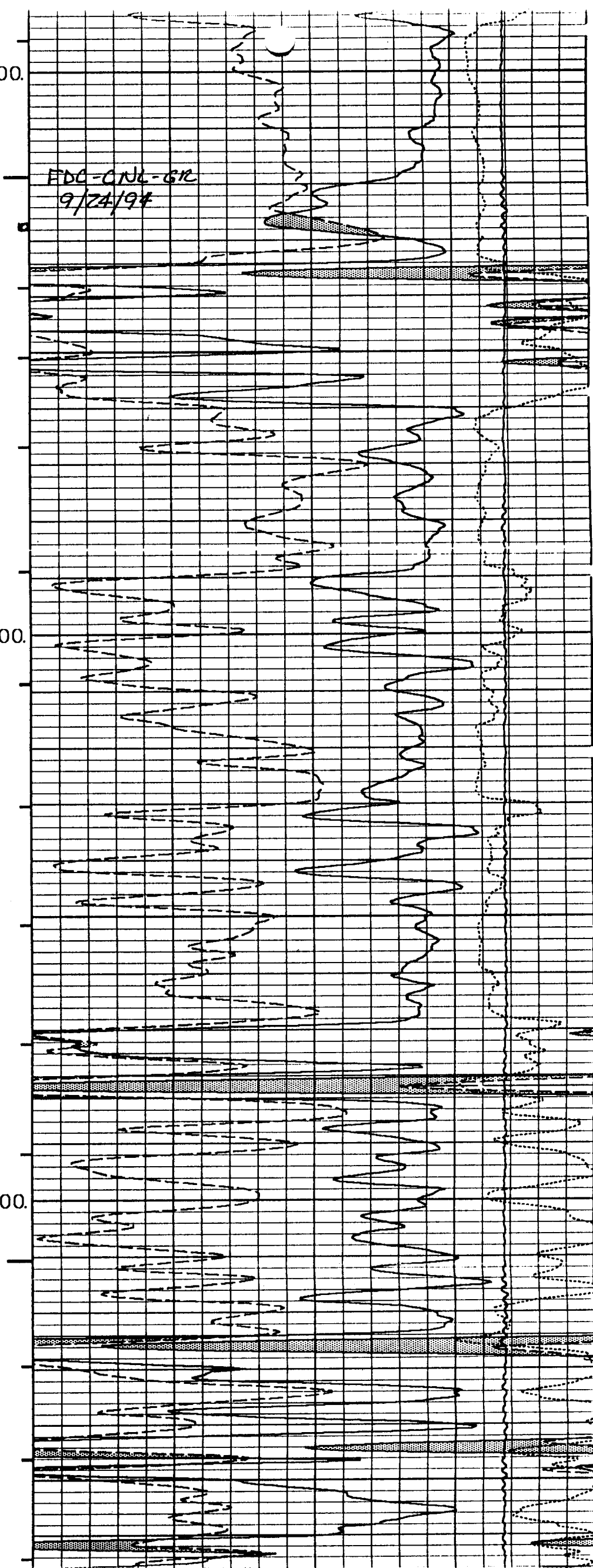


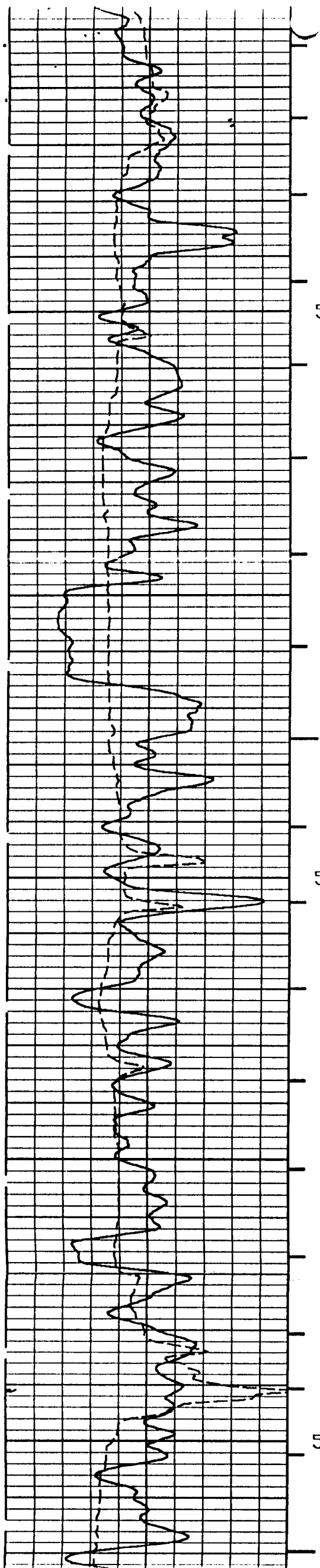
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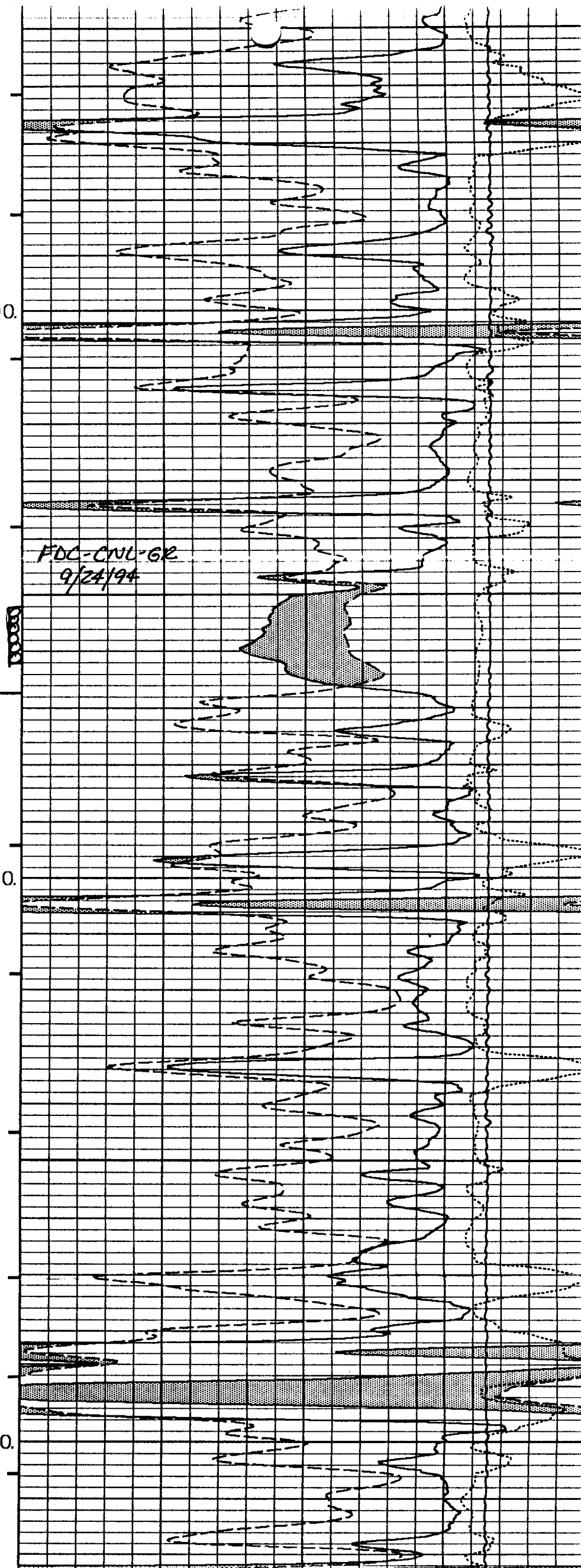


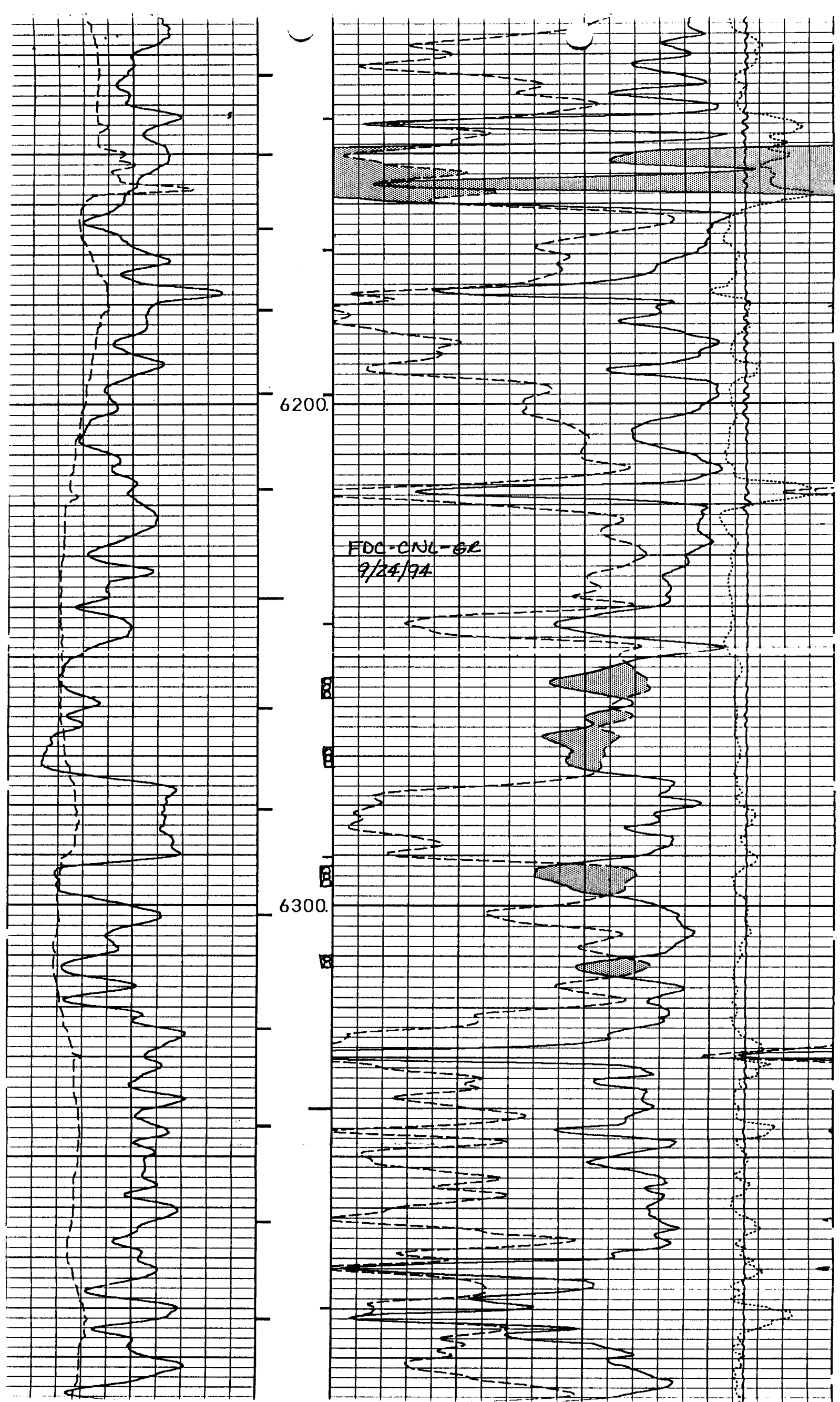
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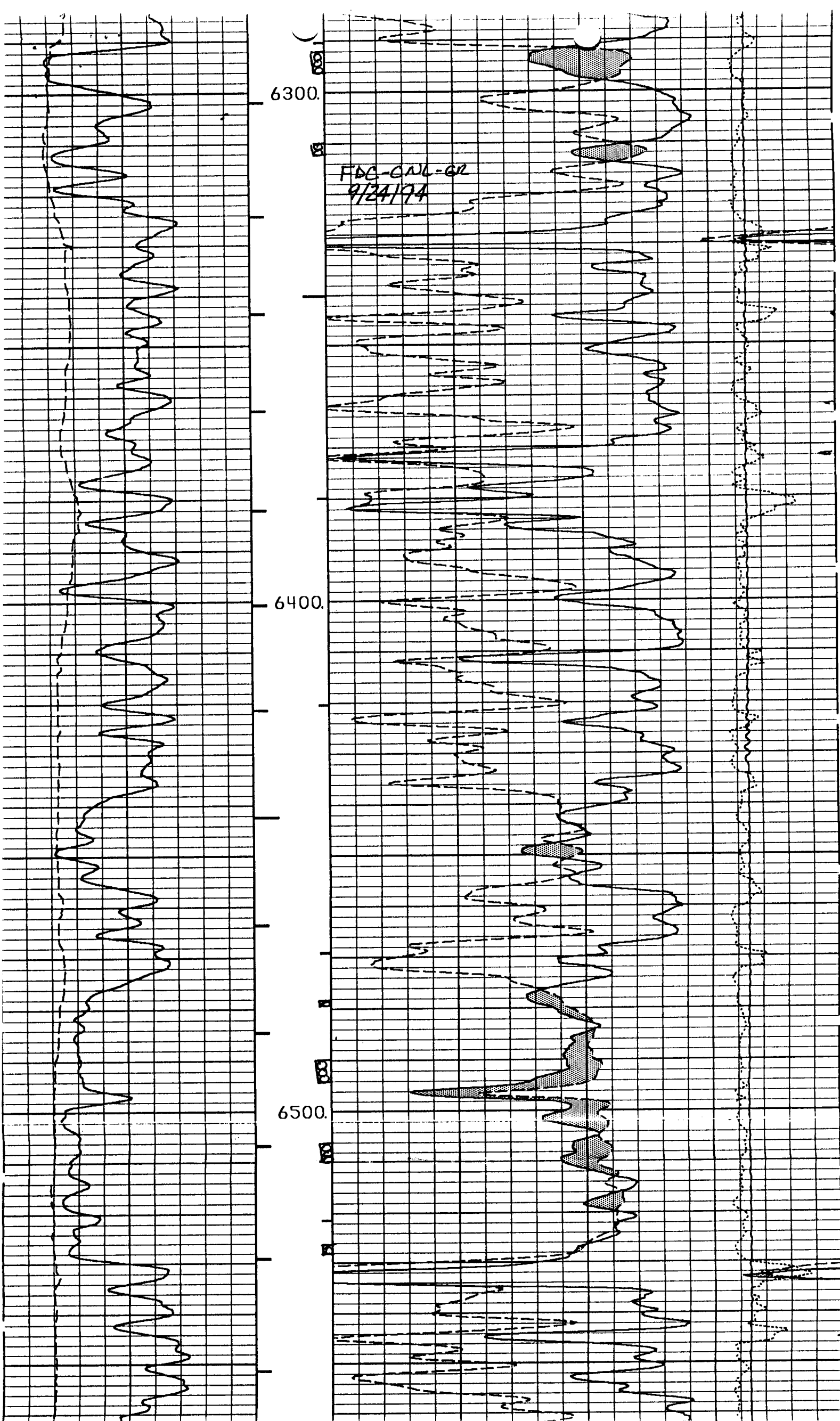
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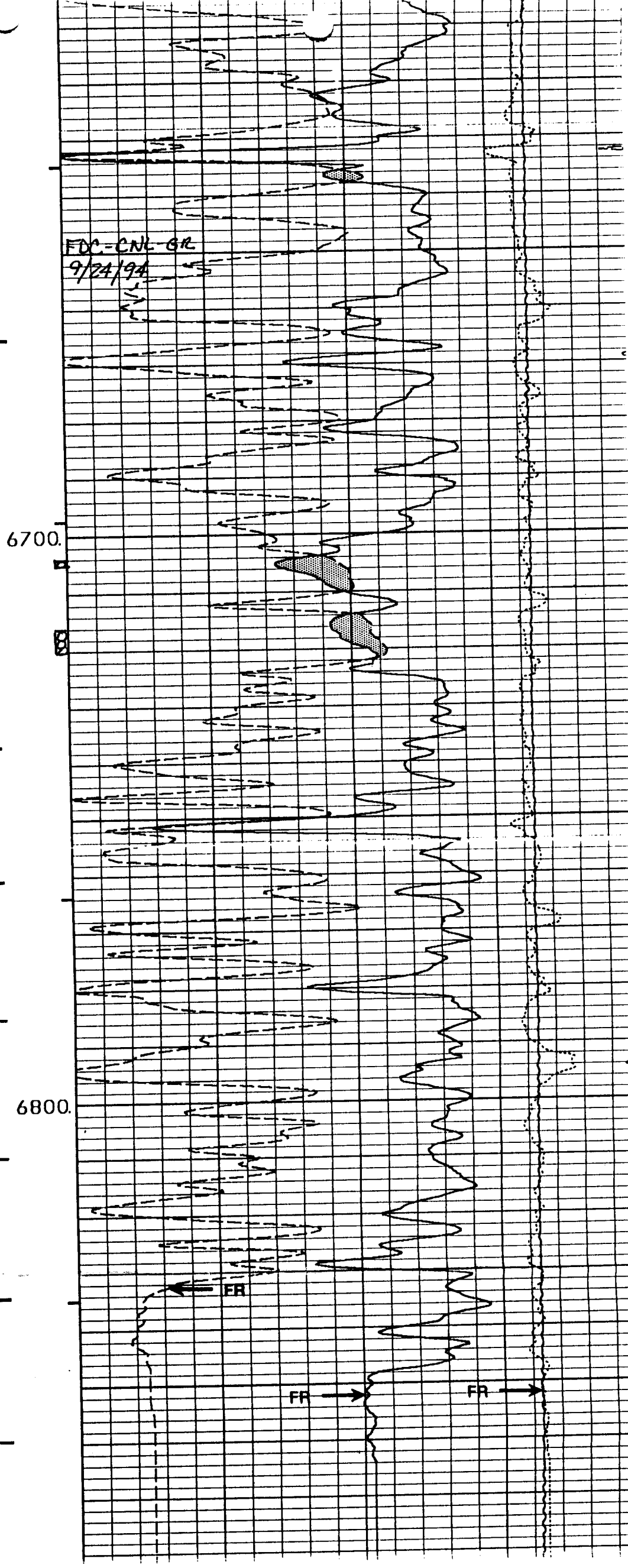
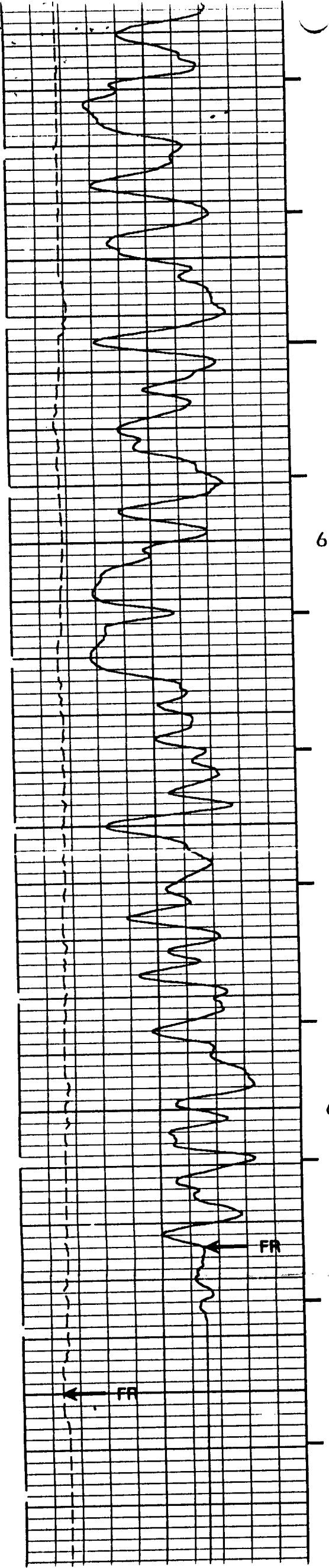
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5900.











Coastal
The Energy People

October 8, 1999

State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114

ATTENTION: Lisha Cordova

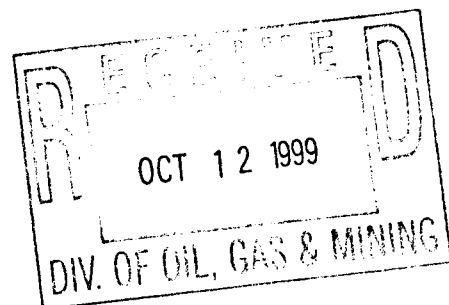
Dear Lisha,

Enclosed is the original and two copies of the Application For Permit To Deepen the NBU #222 SW/NE Sec.11, T10S, R22E. Please contact me as soon as possible in order to schedule an on-site date; COGC would like to begin operations by November 1, 1999.

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7023.

Sincerely,

Cheryl Cameron
Environmental Analyst



Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

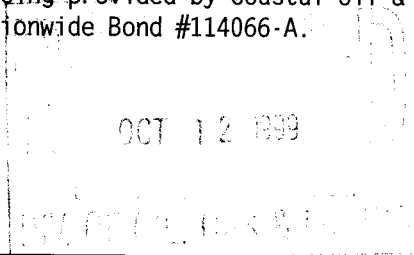
1A. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/>		5. Lease Designation and Serial Number: U-01194-A-ST	
B. Type of Well OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____		6. If Indian, Allottee or Tribe Name: N/A	
2. Name of Operator: Coastal Oil & Gas Corporation		7. Unit Agreement Name: Natural Buttes Unit	
3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023		8. Farm or Lease Name: NBU #222	
4. Location of Well (Footages) At surface: 1667' FNL & 2602' FEL At proposed proding zone: _____		9. Well Number: _____	
14. Distance in miles and direction from nearest town or post office: 26.60 miles to Ouray, Utah		10. Field and Pool, or Wildcat Natural Buttes Field	
15. Distance to nearest property or lease line (feet): 1667'		11. Qtr/Qtr, Section, Township, Range, Meridian: SW/NE Sec.11, T10S, R22E	
16. Number of acres in lease: 1674.5		12. County Uintah County	
17. Number of acres assigned to this well: 40		13. State: Utah	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 1200' SW		19. Proposed Depth: 9800'	
20. Rotary or cable tools: Rotary		21. Approximate date work will start: Upon Approval	
22. Elevations (show whether DR, RT, GR, etc.): 5034' GR			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to the				
Attached Drilling				
Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

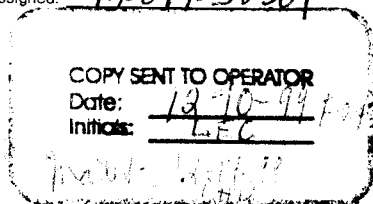
Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.
 Bond coverage pursuant to 43 to CFR 3104 for the lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103, BLM Nationwide Bond #U-605382-9, and BIA Nationwide Bond #114066-A.



24. Name & Signature: _____ Title: **Environmental Analyst** Date: **10/1/99**

(This space for State use only)

API Number Assigned: **43-047-32509**



Approval: _____

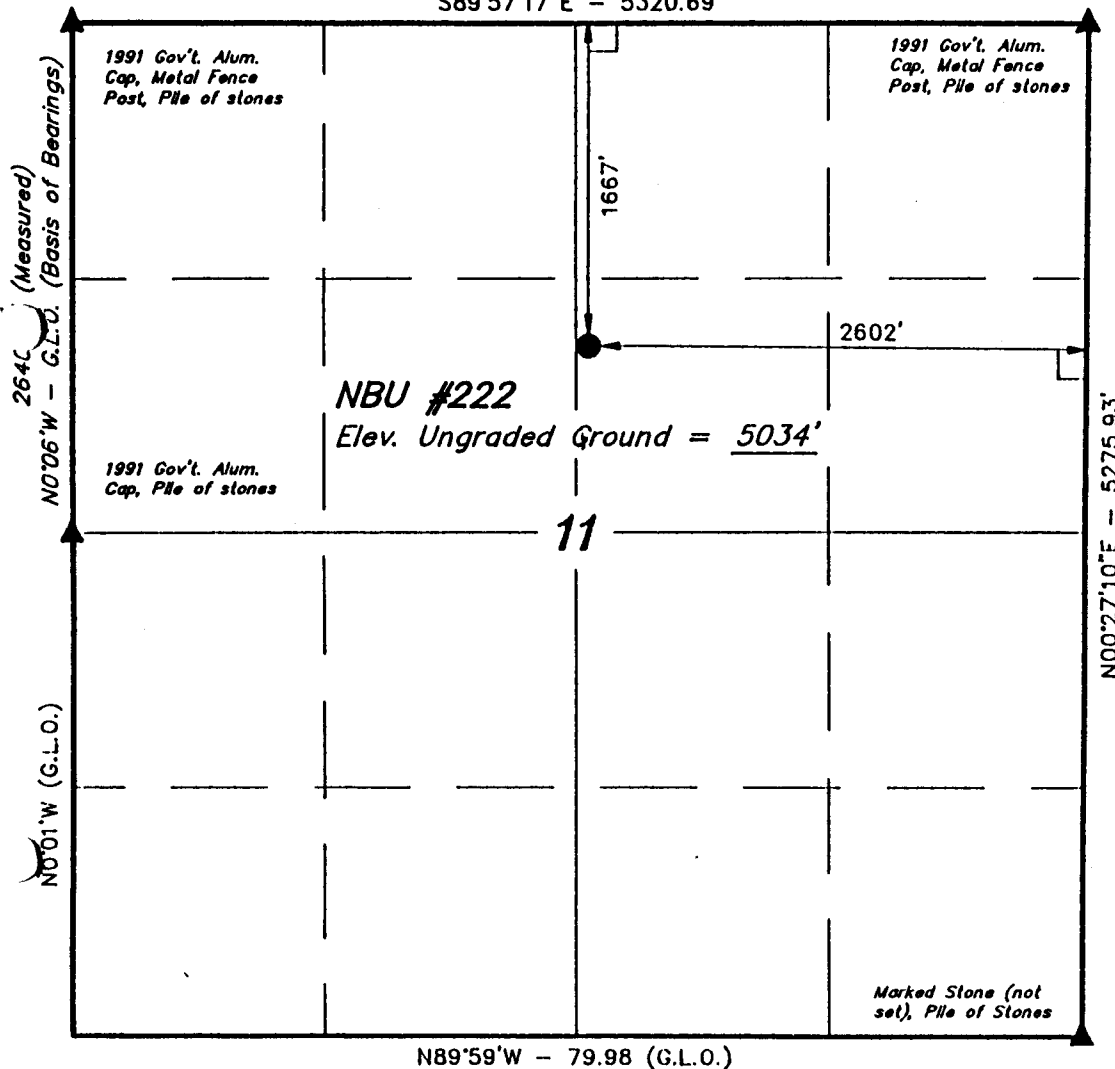
**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 12/10/99
By:

(See Instructions on Reverse Side)

T10S, R22E, S.L.B.&M.

S89°57'17"E - 5320.69'



LEGEND:

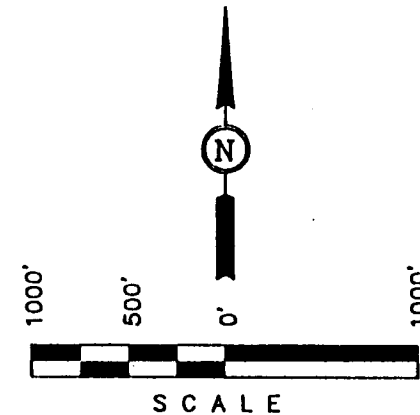
- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

COASTAL OIL & GAS CORP.

Well location, NBU #222, located as shown in the SW 1/4 NE 1/4 of Section 11, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kang
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-31-94	DATE DRAWN: 4-10-94
PARTY L.D.T. B.B. J.R.S.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

**Natural Buttes Unit #222
SW/NE Sec. 11, T10S, R22E
UINTAH COUNTY, UTAH
U-01194-A-ST**

**ONSHORE ORDER NO. 1
COASTAL OIL & GAS CORPORATION**

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
KB	5046'
Green River	1120'
Wasatch	4032'
Mesaverde	6246'
Castlegate	8600'
TD	9600'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1120'
	Wasatch	4032'
	Mesaverde	6246'
	Castlegate	8600'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. Proposed Casing & Cementing Program:

<i>SURFACE CASING</i>	<i>Depth</i>	<i>Hole Size</i>	<i>Csg Size</i>	<i>Wt/Ft</i>	<i>Grade</i>	<i>Type</i>
Existing	0-250'	12 1/4"	9-5/8"	36#	K-55	ST&C

INT. CSG. 0-6900 7 7/8" 7" 23# C-95 LTC

Surface Casing	Fill	Type & Amount
Existing 0-250'	250'	140 sx Type V Prem + w/ 2% CaCl, 1/4#/sk Flocele Yield 1.18, WT 15.6
Production Casing	Type & Amount	
6000' 9000' 9000' 9000' - cmtd (3600') sealing length		380 sx 50/50 Poz + 0.25 lb/sk Flocele + 0.6% Halad-322 + 2% Gel + 2% MicroBond HT + 5% Salt

5. **Drilling Fluids Program:**

If the Kicker Sand is present, weighted mud (9.0 ppg or less) may be required. If hole conditions warrant, a mud system will be used.

<u>Depth</u>	<u>Type</u>	<u>Mud Wt.</u>
6910'-9600'	Air/Aerated Water WBM	NA 8.5-10.5

6. **Evaluation Program:** (Logging)

<u>Depth</u>	<u>Log Type</u>
Int-TD	DP Sonic/Neutron Density/GR/Cal
Int-TD	AIT-PEX
As per Geology	FMI,CMR,ECS

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 3,920 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,755 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

None anticipated.

4 1/2", 11.6 #, N-80, LTC. 0-9600' * See attached diagram faxed 12-9-99. RSK.

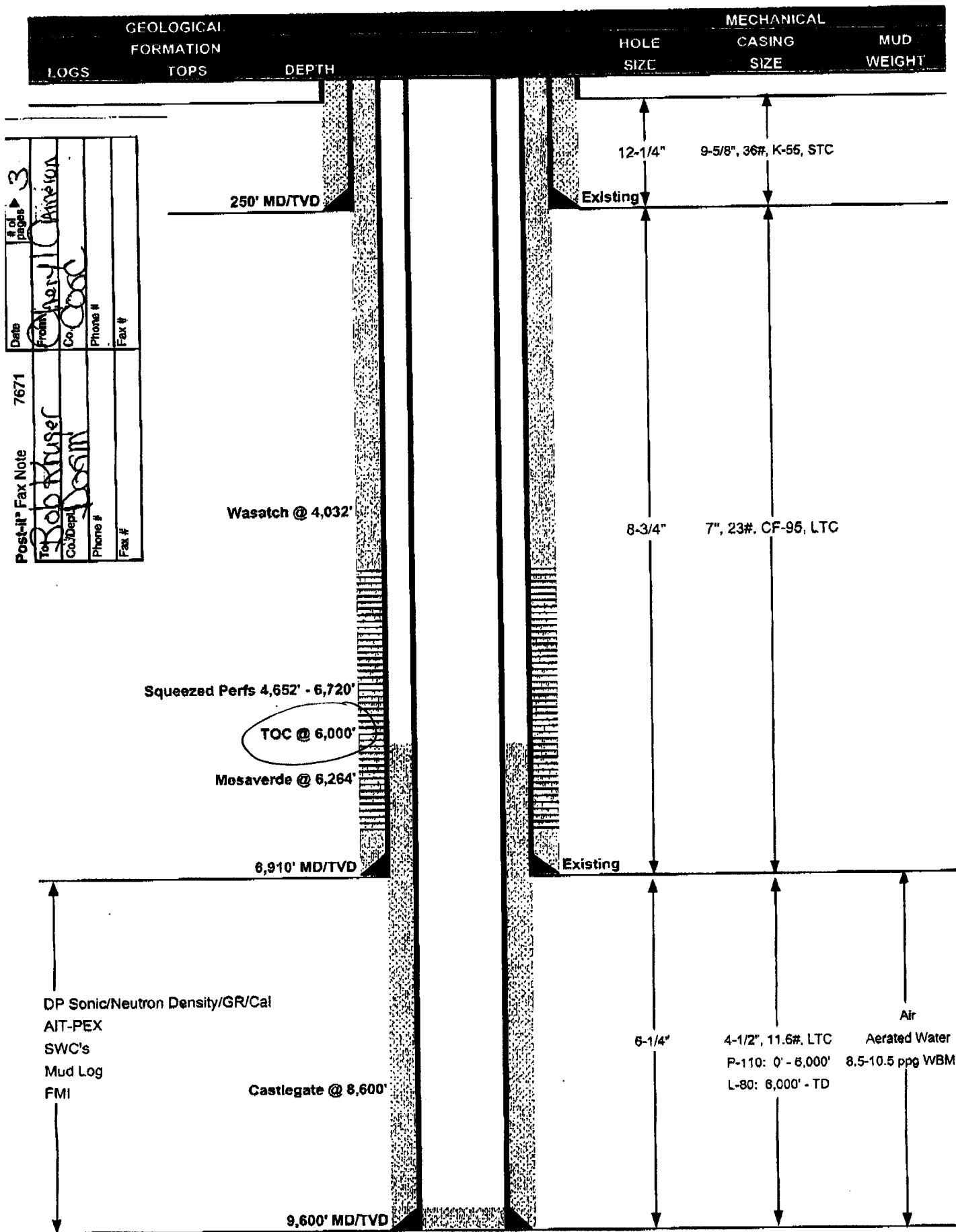
10. Other:

A Class III Archaeological Study was conducted by Metcalf Archaeological Consultants. No significant Cultural resources were found and clearance has been recommended. A copy of this report is attached.

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 10/5/99
WELL NAME NBU #222 Deepening TD 9,600' MD/TVD
FIELD Ouray COUNTY Uintah STATE Utah ELEVATION _____
SURFACE LOCATION 1,667' FNL & 2,602' FEL, Sec 11, 10S - 22E BHL Straight Hole
OBJECTIVE ZONE(S) Castlegate
ADDITIONAL INFO Wasatch/Mesaverde perforations have been squeezed.



CASING PROGRAM

CONDUCTOR
SURFACE
INTERMEDIATE

PRODUCTION
TUBING

					DESIGN FACTORS		
SIZE	INTERVAL	WT.	GR.	CPLG	BURST	COLLAPSE	TENSION
9-5/8"	0-552'	36#	K-55	LTC	EXISTING		
7"	0-3,198'	23#	L-80 & C-95	BTC	EXISTING		
					EXISTING		
4-1/2"	0-TD	11.6#	L-80/P-110	LTC	SPECIFIED BY PRODUCTION		

CEMENT PROGRAM

CONDUCTOR

SURFACE

INTERMEDIATE

PRODUCTION

FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
	Existing				
	Existing				
	Existing				
6,000'-9,600' (3,600')	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	380	25%	14.35	1.24

FLOAT EQUIPMENT & CENTRALIZERS

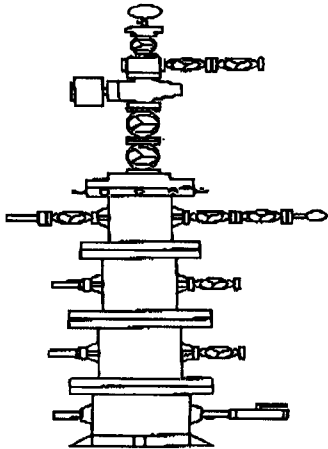
SURFACE

PRODUCTION

PRODUCTION

Esisting
Existing
FS, 2 joints, FC. Thread lock up to & including FC. One centralizer every other joint from TD to intermediate casing shoe

WELL HEAD EQUIPMENT



TREE	10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	11" 3M X 11" 5M
CASING HEAD	9-5/8" SOW X 11" 3M (Existing)

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	SIZE	BIT MFG & MODEL	GPM	SERIAL	ZLS	COMMENTS
6,910' - TD	6-1/4"	Various Insert Bits				
		(Possible PDC)				

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
Int - TD	DP Sonic/Neutron Density/GR/Cal
Int - TD	AIT-PEX
As per Geology	FMI, CMR, ECS

MUD LOGGER:

SAMPLES:

CORING:

DST:

Int - TD
As per Geology
SWC's
None

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
6,910' - 9,600'	Air/Aerated Water WBM	NA 8.5-10.5	NA NC - <10	NA 35-45	KCl, Gel, LCM, Polyplus, Lime, Spersene CF Polypac, Caustic, Tannathin, Desco CF, Bar

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test intermediate casing to 1,000 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Blaine Yeary

DATE:

PROJECT MANAGER:

Tom Young

DATE:

**Natural Buttes Unit #222
SW/NE, SECTION 11-T10S-R22E
UINTAH COUNTY, UTAH
U-01194-A-ST**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Total distance from Ouray, Utah to the proposed well location is approximately 27.4 miles.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road have been crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control has been installed to control erosion.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or

installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

The need for a pipeline will be evaluated after the proposed well is drilled and tested. If a pipeline is necessary for production, the State will be notified prior to construction via Sundry Notice.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

(SITLA per Operator 12-9-99)
yc

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey was conducted by Montgomery Archaeological Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery. Cultural resource clearance was recommended for this location.

13. Lessee's or Operators's Representative & Certification:


Cheryl Cameron
Environmental Analyst
Coastal Oil & Gas Corporation
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Tom Young
Drilling Manager
Coastal Oil & Gas Corporation
9 Greenway Plaza, Suite 2770
Houston, TX 77046
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

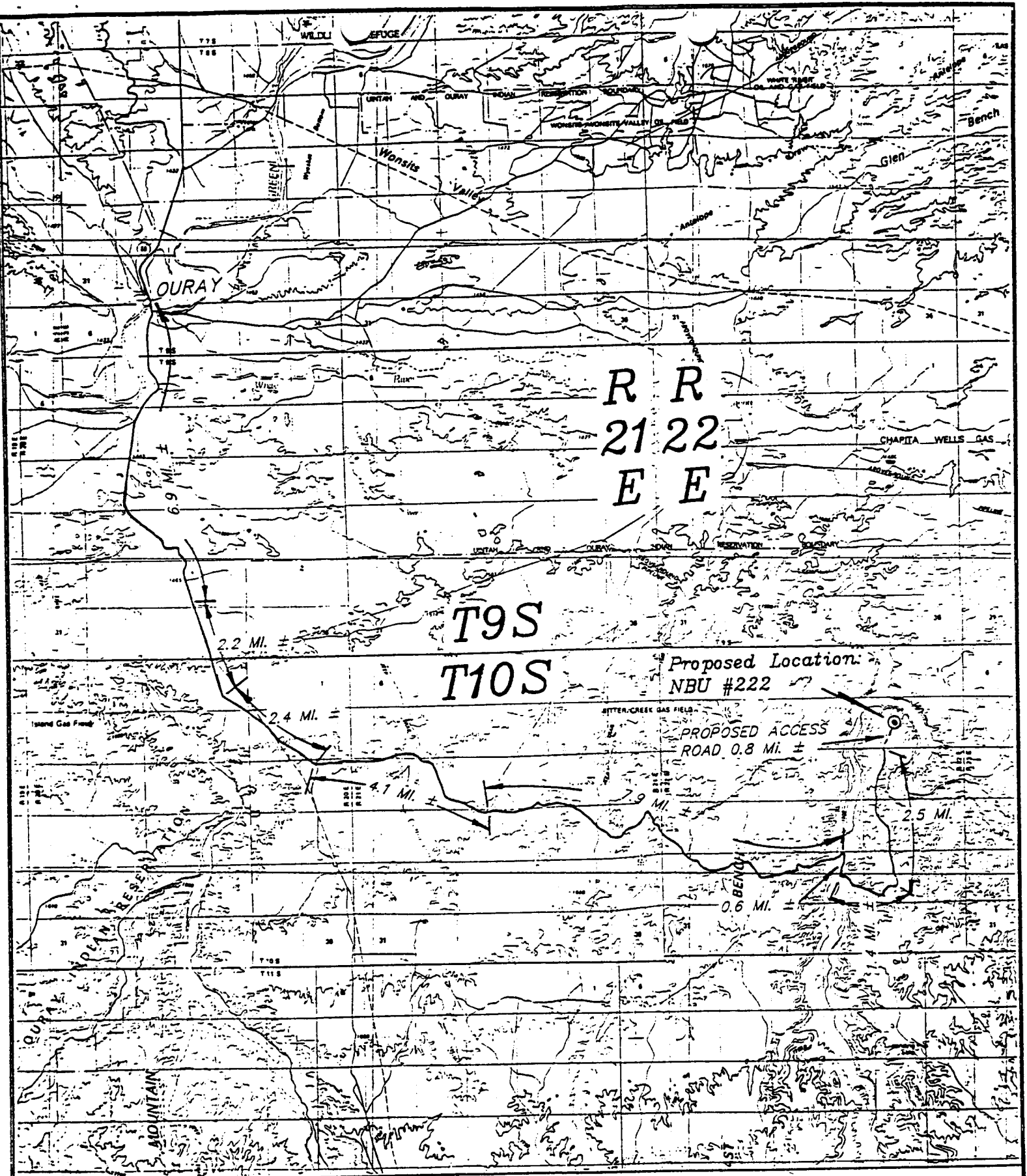
The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Cheryl Cameron

9/30/99

Date



R R
21 22
E E

T9S
T10S

Proposed Location:
NBU #222

PROPOSED ACCESS
ROAD 0.8 MI. ±

TOPOGRAPHIC
MAP "A"

DATE 4-11-94 J.S.S

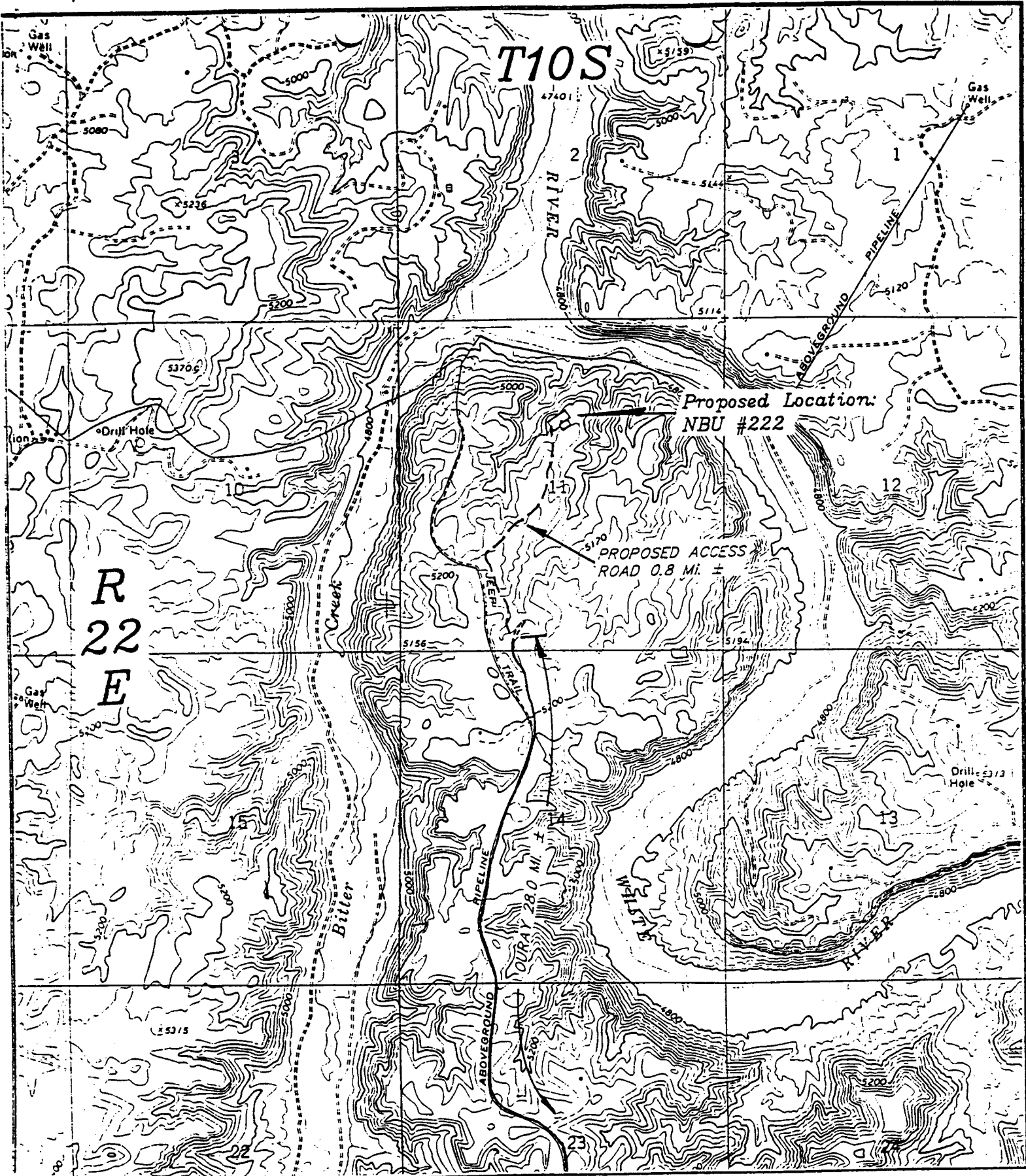


COASTAL OIL & GAS CORP.

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL



TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'

DATE 1-7-94 D.J.S.



COASTAL OIL & GAS CORP.

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL

COASTAL OIL & GAS CORP.

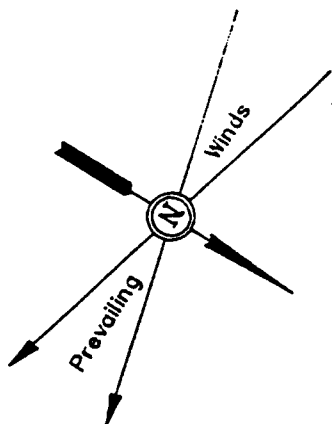
LOCATION LAYOUT FOR

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

1667' FNL 2602' FEL

Drainage

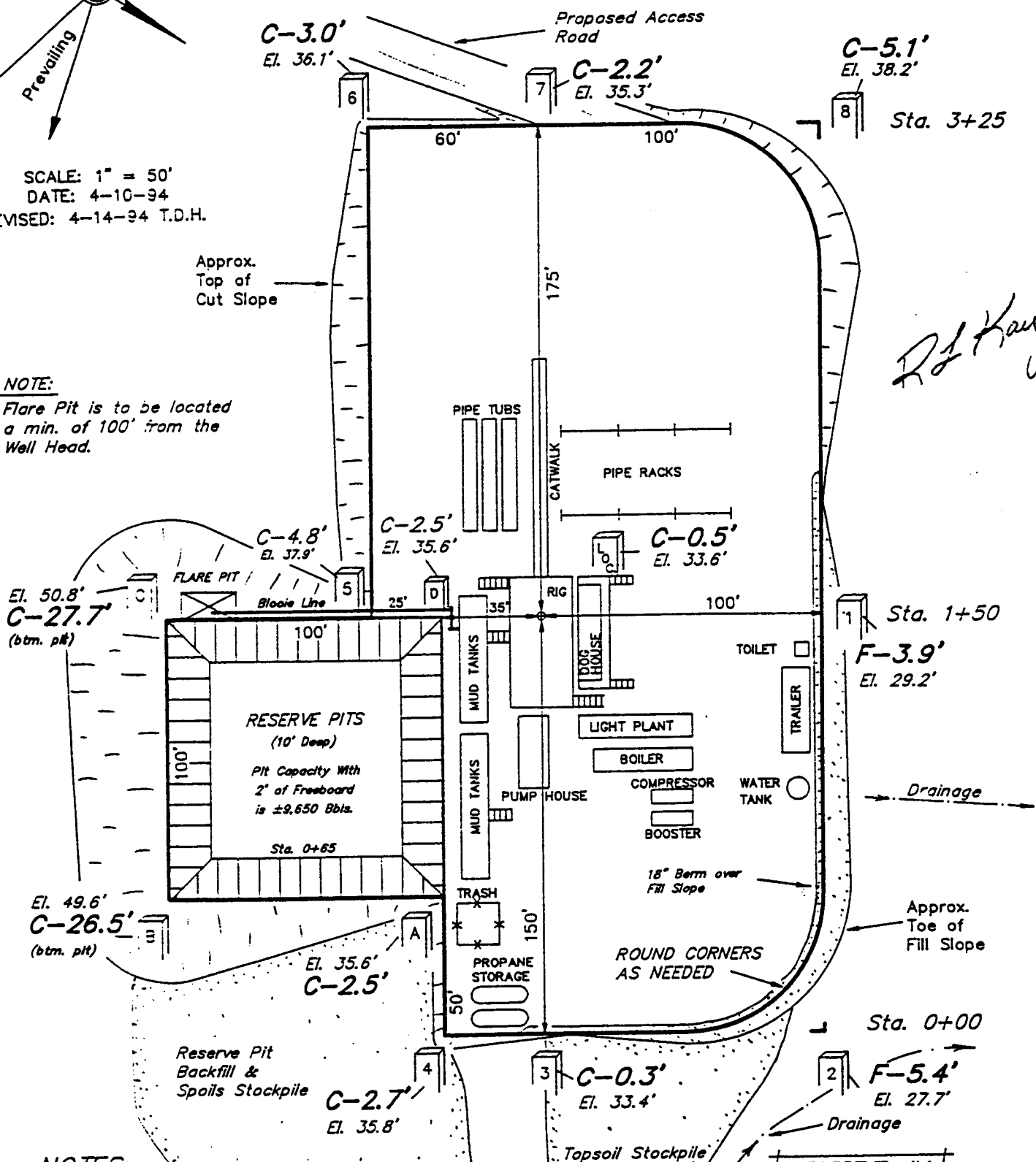


SCALE: 1" = 50'
DATE: 4-10-94
REVISED: 4-14-94 T.D.H.

Approx.
Top of
Cut Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



R. J. Kay

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5033.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5033.1'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah (801) 789-1017

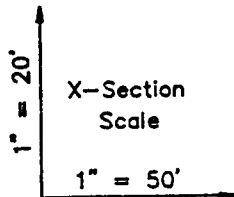
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

NBU #222

SECTION 11, T10S, R22E, S.L.B.&M.

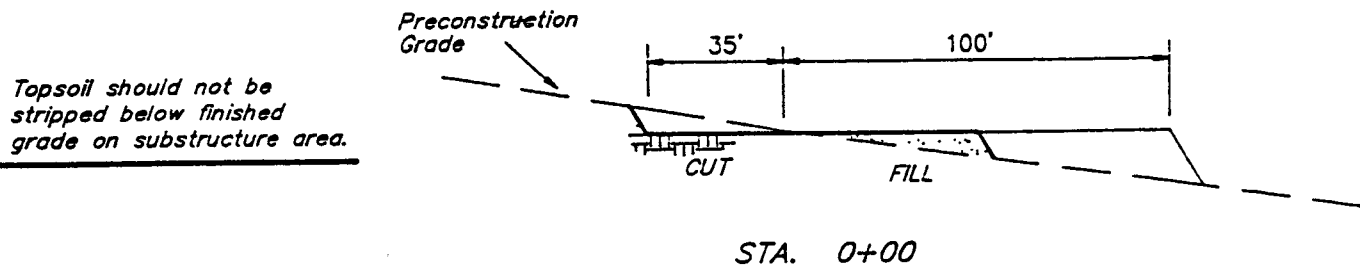
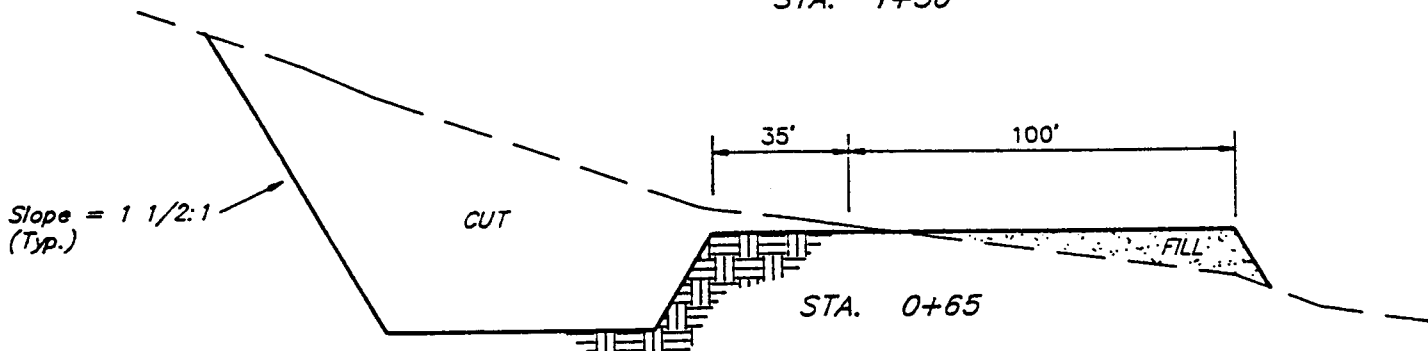
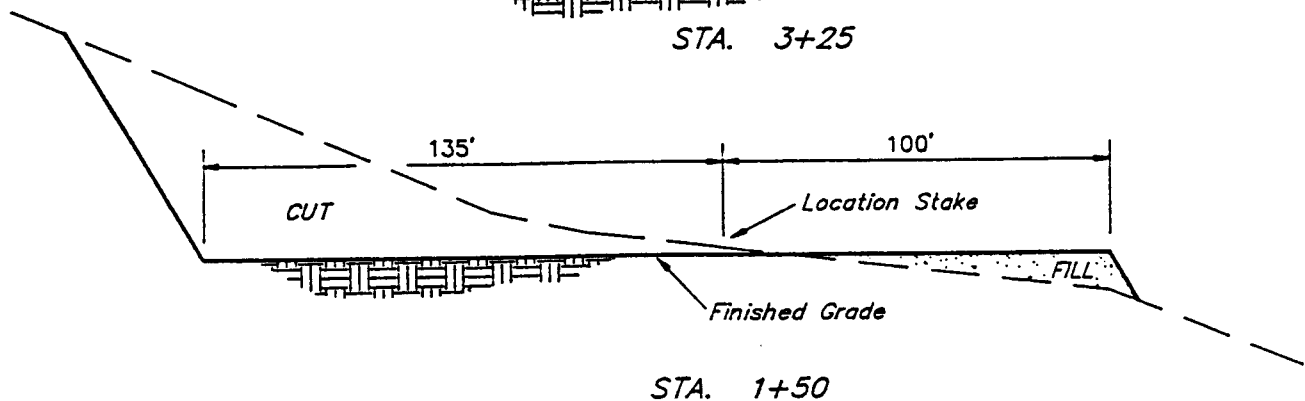
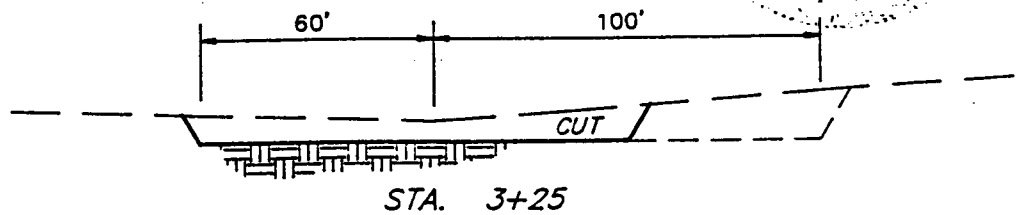
1667' FNL 2602' FEL



DATE: 4-10-94

Drawn By: J.R.S.

Do Key



Topsoil should not be stripped below finished grade on substructure area.

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,080 Cu. Yds.
Remaining Location	=	13,100 Cu. Yds.
TOTAL CUT	=	14,180 CU.YDS.
FILL	=	1,700 CU.YDS.

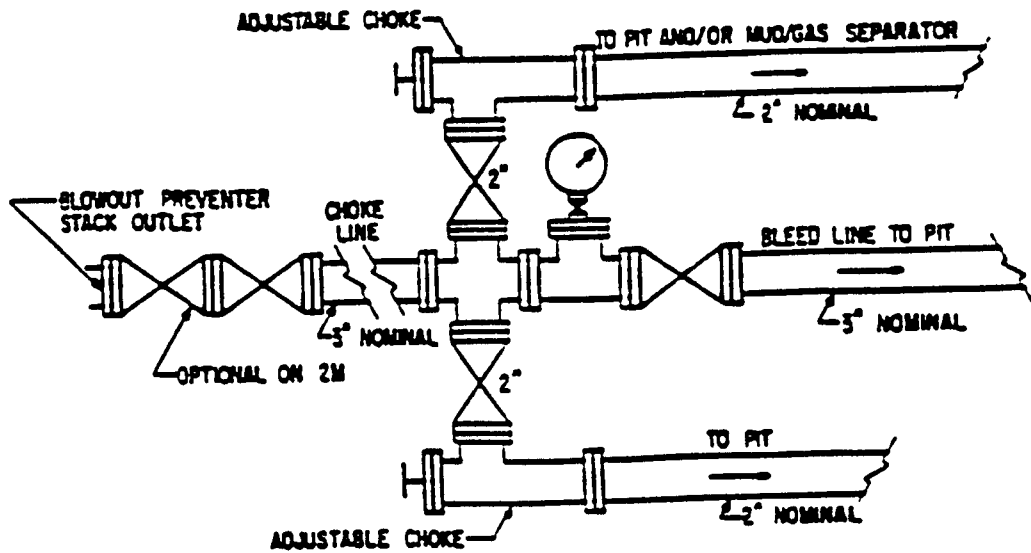
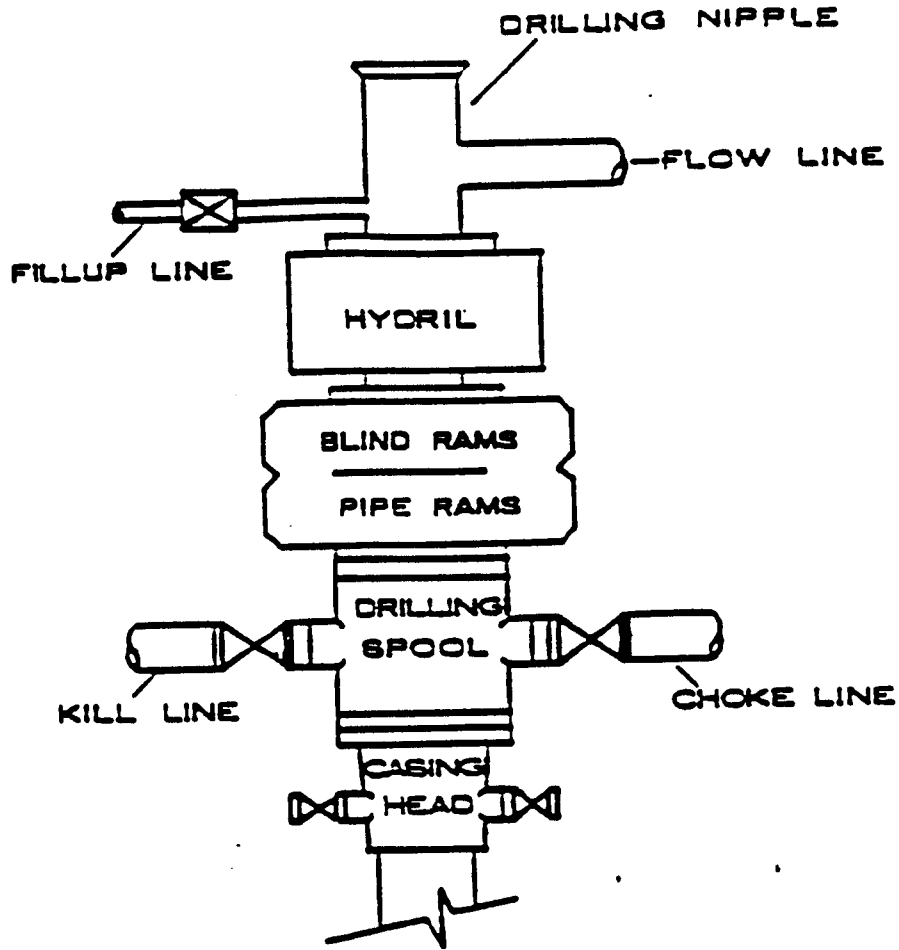
EXCESS MATERIAL AFTER 5% COMPACTION	=	12,390 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,430 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	9,960 Cu. Yds.

FIGURE #2

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah (801) 789-1017

3,000 PSI

BOP STACK





M A C

Metcalf Archaeological Consultants, Inc.

NBU #222

April 8, 1994

LAND & OPERATIONS - DENVER DISTRICT

Mr. Joseph J. Adamski
Coastal Oil and Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

JUN - 6 1994

TCY _____ NOS _____ REC _____
MDE _____ LPS _____ JDP _____
FS _____ JA _____ JRN _____ RLB _____

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-33B6 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City
Lisa Smith, Permitco
Betsie Chapoose, Cultural Rights & Protection
Ferron Secakuku, Energy and Minerals
Pat Padilla, Energy and Minerals
Business Council, Ute Tribe
Dale Hanberg, BIA, Ft. Duchesne
Norman Cambridge, BIA, Ft. Duchesne
Amy Huslein, BIA, Phoenix

enclosures

Cultural Resource Inventory on Ute Tribal Land of
ANR Production Company's Proposed Utility Corridor
between the Ute #2-33B6 Access and the Ute #2-26B6 Access,
Duchesne County, Utah

by
Dulaney Barclay

Michael D. Metcalf
Principal Investigator

Prepared for
Coastal Oil and Gas Corporation
Nine Greenway Plaza, Suite 474
Houston, TX 77046

Prepared by
Metcalf Archaeological Consultants, Inc.
P. O. Box 899
Eagle, CO 81631

Addition to
Project Number U-94-mm-143i

April 1994

Cultural Resource Inventory on Ute Tribal Land of
ANR Production Company's Proposed Utility Corridor
between the Ute #2-33B6 Access and the Ute #2-26B6 Access
on Ute Tribal Land, Duchesne County, Utah

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Nine Greenway Plaza, Suite 474
Houston, TX 77046 .

Prepared by
Metcalf Archaeological Consultants, Inc.
P. O. Box 899
Eagle, CO 81631

Addition to
Project Number U-94-mm-143i

April 1994

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) Eagle, Colorado was contracted by Coastal Oil & Gas Corporation of Houston, Texas to conduct a cultural resource investigation of a proposed utility corridor between the beginning of the access road/utility corridor to the proposed Ute #2-26B6 well pad and the beginning of the proposed Ute #2-33B6 well pad access/utility corridor. The utility corridor survey was performed for the construction of a powerline and a pipeline parallel to the existing oil & gas field road. The present survey was the continuation of a inventory that began at the existing Ute #1-36B6 well pad and terminates at the beginning of the access road/utility corridor to the Ute #2-33B6. The previous survey covered 2.5 miles of this utility corridor from the existing Ute #1-36B6 well pad to the beginning of the access road/utility corridor for the proposed Ute #2-26B6 well pad. That survey covered a total of thirty acres and has already been reported on (Barclay 1994a). The current inventory covers a corridor approximately 1.4 miles long and 100 feet wide that begins in the NE $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$ of section 34, T.2S, R.6W, and ends in the SE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ of section 33, T.2S, R.6W (Figure 1). A total of seventeen acres was surveyed during the present investigation for this utility corridor. To date, a total of forty-seven acres have been surveyed for the proposed utility corridor.

The staked utility corridor parallels an existing improved oil & gas field road that connects several well pads along the top of Blacktail Mountain. The powerline will criss-cross the existing oil & gas field road in numerous places and have several pole placements along its extent. A pipeline is to be constructed parallel to the existing oil and gas field road approximately 20 feet (6m) from the north side the existing road.

No cultural resources were located during the present inventory for the utility corridor. A isolated find (IF 2-33B6-1) was located during the survey of the proposed access road/utility corridor for the Ute #2-33B6 well pad (Barclay 1994b). It located more than 100 feet (30 meters) north of the proposed centerline of pipeline. It will not be impacted by the pipeline construction.

The project area is located in Duchesne County, Utah, on lands administered by the Northern Ute Indian Tribe, Fort Duchesne, Utah. The present cultural resource inventory was conducted by MAC archaeologist Dulaney Barclay on April 5, 1994 with a Ute Tribe Access Permit (approval date: 4/5/94). Ute Tribe Energy and Minerals technician Pat Padilla was also present during the investigation. No cultural resources were located during the utility corridor survey. All field notes and maps are on file at the MAC office in Eagle, Colorado.

Files Search

A file search was requested through the Division of State History in Salt Lake City on April 1, 1994. This search reported surveys and previously recorded sites in the general area of the project. However, none of these previous investigations or sites included portions of the current study area.

Environment

The study area is located within a east-west trending ridge system near the southern margin of the Uinta Mountains. More specifically, it is located in the Altimont-Bluebell oil and gas field on top of Blacktail Mountain two miles south of the Duchesne River. Sand Wash is located approximately one mile to the north/northeast, and numerous steep sided draws drain the north and south sides of Blacktail Mountain.

Soil for the area is a tan fine to medium-grained sand of either a residual or aeolian origin. Sandstone caps the ridgetop with deeper bedrock units exposed in the dry draws on the north and south sides of Blacktail Mountain.

Vegetation cover is about twenty to thirty percent with a spotty mantle of forest debris that allows good to fair surface visibility. The vegetation can be characterized as being in an Upper Sonoran zone dominated by a piñon-juniper woodland. Prevalent plants include thick piñon and juniper trees with an understory of sparse shrubs, mixed grasses and forbs. Other identified plants were sagebrush, mountain mahogany, Mormon tea, and prickly pear cactus.

Field Methods

Because of the numerous pole placements along both sides of the road and the fact that the existing road had not been surveyed in the past, a corridor was surveyed 15m (50') wide on each side of the existing oil & gas field road. The utility corridor was examined using one zig-zag pedestrian transect on either side of the existing road. Each transect covered 15m (50 feet) resulting in a total corridor width of 30m (100 feet) being surveyed. Thus seventeen acres were inspected for the utility corridor during the current investigation.

Results

No cultural resources were located during the survey of the utility corridor between the beginning of the proposed Ute #2-26B6 well pad utility/access corridor and the beginning of the proposed Ute #2-33B6 well pad access road/utility corridor. An isolated

find (IF 2-33B6-1) consisting of a bifacially pecked and ground mano was found during the survey for the proposed Ute #2-33B6 access road/utility corridor that branched off the existing oil & gas field road and the proposed utility corridor (see Barclay 1994b). This isolated find is located approximately 40 meters (131 feet) from the north side of the existing oil & gas field road and 33 meters (110 feet) from the proposed pipeline centerline. It will not be impacted by the pipeline construction. No further work is necessary.

Recommendations

Cultural resource clearance is recommended for the utility corridor between the beginning of the Ute #2-26B6 well pad access road/utility corridor and the beginning of the utility/access corridor for the proposed Ute #2-33B6 well pad as presently staked.

References Cited

Barclay, Dulaney

1994a ANR Production Company's Utility Corridor between the Ute #1-36B6 Well Location and the Ute #2-26B6 Access, Duchesne County, Utah, Cultural Resource Inventory on Ute Tribal Land. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms. on file at the Division of State History, Salt Lake City.

1994b ANR Production Company's Proposed Ute #2-33B6 Well Pad, Access Road, and Pipeline Cultural Resource Inventory on Ute Tribal Land, Duchesne County, Utah. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms on file at the Division of State History, Salt Lake City.



M A C

Metcalf Archaeological Consultants, Inc.

April 8, 1994

Mr. Joseph J. Adamski
Coastal Oil and Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-3386 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City
Lisa Smith, Permitco
Betsie Chapoose, Cultural Rights & Protection
Ferron Secakuku, Energy and Minerals
Pat Padilla, Energy and Minerals
Business Council, Ute Tribe
Dale Hanberg, BIA, Ft. Duchesne
Norman Cambridge, BIA, Ft. Duchesne
Amy Huslein, BIA, Phoenix

enclosures



ANR Production Company's
Proposed Ute #2-33B6 Well Pad, Access Road and Pipeline
Cultural Resource Inventory on Ute Tribal Land
Duchesne County, Utah

by
Dulaney Barclay

Michael D. Metcalf
Principal Investigator

Prepared for
Coastal Oil and Gas Corporation
Nine Greenway Plaza, Suite 474
Houston, TX 77046

Prepared by
Metcalf Archaeological Consultants, Inc.
P. O. Box 899
Eagle, CO 81631

Project Number U-94-mm-165i

April 1994

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) Eagle, Colorado was contracted by Coastal Oil & Gas Corporation of Houston, Texas to conduct a cultural resource investigation of the proposed Ute #2-33B6 well pad and access road/utility corridor. The project area lies on top of Blacktail Mountain in Duchesne County, Utah on lands administered by the Northern Ute Indian Tribe. Specifically, it is located in the SE $\frac{1}{4}$ of the NW $\frac{1}{4}$, and the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 33, T.2S, R.6W (Figure 1). The surveyed area included a ten acre block centered on the proposed drill hole location and an approximately 300 foot long corridor 100 feet wide for the proposed access road/utility corridor. Thus, a total of 10.7 acres were surveyed for the proposed project.

A single isolated find was located during the survey of the access road/utility corridor (IF 2-33B6-1). The isolated find consisted of a bifacially pecked and ground mano. The resource was recorded, the access road/utility corridor moved to the opposite side of the well pad, and well pad itself moved 50 feet to the northwest to avoid impacting the isolate or disturbing any buried cultural materials at that location during construction. Isolated finds are not eligible the National Register of Historic Places (NRHP), and the isolate will be avoided. Cultural resource clearance is recommended with the stipulation that a Ute Tribal Energy and MInerals technician be present during pad construction.

The cultural resource inventory was conducted by MAC archaeologist Dulaney Barclay on April 5, 1994 with a Ute Tribe Access Permit (approval date: 4/5/94). Ute Tribe Energy and Minerals Technician Pat Padilla was also present. All field notes and maps are on file at the MAC office in Eagle, Colorado.

Files Search

A file search was requested through the Division of State History in Salt Lake City on April 1, 1994. This search reported surveys and previously recorded sites in the general area of the project. However, none of these previous investigations or sites were located in the area currently under investigation.

Environment

The study area is located within a east-west trending ridge system near the southern margin of the Uintah Mountains. More specifically, it is located in the Altimont-Bluebell oil and gas field on top of Blacktail Mountain two-and-a-half miles south of the Duchesne River. Sand Wash is located approximately one mile to the north/northeast, and numerous steep sided draws and gullies drop off sharply on the north and south sides of Blacktail Mountain toward the Duchesne River and the Uintah Basin.

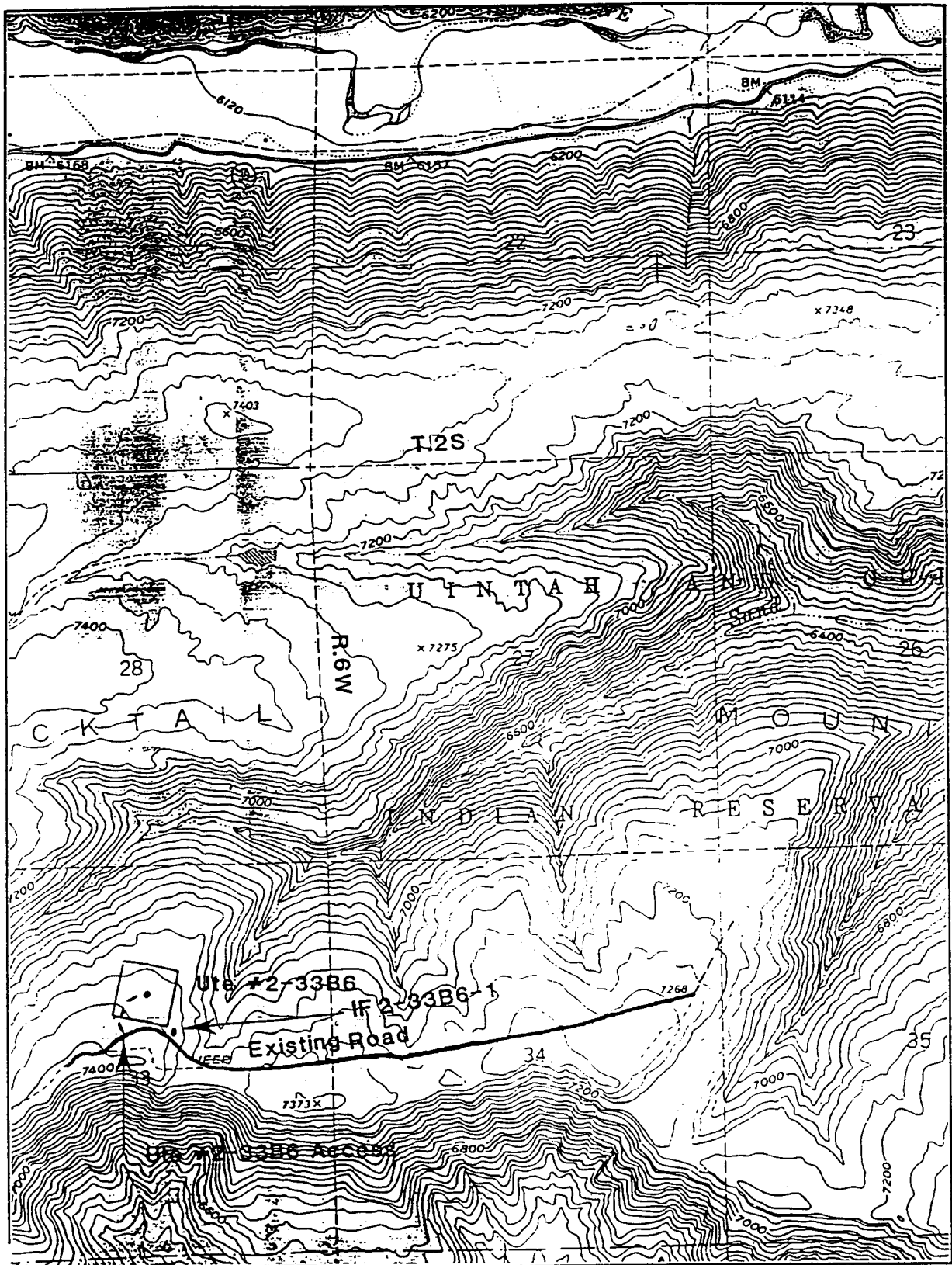


Figure 1 Project Area and Resource Location Map, Blacktail Mountain 7.5' Quad.

Soil for the area is a tan fine to medium-grained sand of residual origin. Sandstone caps the ridgetop with deeper bedrock units exposed in the dry draws on the north and south sides of Blacktail Mountain. Sandstone locally outcrops on the east end of the well pad location.

Vegetation cover is approximately twenty to thirty percent and allows good to fair soil surface visibility. The vegetation can be characterized as being in an Upper Sonoran zone dominated by a piñon-juniper woodland. Prevalent plants include thick piñon and juniper trees with an understory of sparse shrubs, mixed grasses and forbs. Other identified plants were sagebrush, mountain mahogany, Mormon tea, and prickly pear cactus.

Field Methods

The project area was surveyed using zig-zag pedestrian transects. A ten acre block centered on the staked drill hole location was surveyed using parallel transects spaced no more than 15m apart. The access road/utility corridor was examined using one zig-zag pedestrian transect on either side of the flagged centerline. Each transect covered 15m (50 feet) on either side of the proposed access road resulting in a total corridor width of 30m (100 feet) being surveyed. The proposed pipeline parallels the well pad access road approximately 6m (20 ft.) from the road's centerline. As such, it lies well within the 100' wide surveyed corridor for the pad access road. A total of 10.7 acres were surveyed during this investigation.

When cultural resources were encountered, the surrounding area was intensively inspected for additional resources'. Locations of resources were then marked, and a determination made as to whether the resource(s) found should be classified as an isolated find or a site using State of Utah criteria. The appropriate forms were then filled out, and the resource's location with regards to the staked limits of the proposed undertaking determined. In consultation with the Ute Tribal Energy and Minerals technician, a recommendation was made to the representative of Uintah Engineering and Land Survey (ULES).

Results

A single isolated find (IF 2-33B6-1) was discovered during the survey of the proposed well pad access road/utility corridor. This isolate consisted of a bifacially pecked and ground mano of very coarse-grained sandstone. The mano was also ground along one side and appeared to have been heat treated as evidenced by the reddening on one of its faces. It was located in a low sandy area approximately 50 feet (15m) southeast of the southeast corner of the proposed well pad pit and 131 feet (40m) from the existing oil

& gas field road. No other artifacts were found in association with it, but a pinflag probe of the sandy area revealed the presence of 60+cm of deposition leaving open the possibility of buried cultural remains. The isolate was recorded and the forms submitted to the appropriate agencies. Isolated finds are not eligible to the National Register of Historic Places. No further work is necessary.

Recommendations

After consulting with Northern Ute Tribal technician Pat Padilla, it was decided to move the access road/utility corridor to the west side of the pad and to move the well pad itself an additional 50 feet to the northwest in order to provide a 100 foot buffer between the pad and the isolated find. The proposed pipeline to be constructed on the north side of the existing oil & gas field road (Barclay 1994) is also located over 100 feet away from the isolated find. The isolated find will thus be adequately protected from impacts during the pipeline and well pad construction. A Ute Indian Tribe Energy and Minerals technician should be present during construction to ensure that the construction impacts are confined to the staked locations on the eastern boundary of the pad. Cultural resource clearance is recommended for the Ute #2-33B6 well pad and access road/utility corridor subject to the stipulation above.

References Cited

Barclay, Dulaney

1994 Cultural Resource Inventory of ANR Production Company's Proposed Utility Corridor between the Ute #2-33B6 Access and the Ute #2-26B6 Access, on Ute Tribal Land, Duchesne County, Utah. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms on file at the Division of State History, Salt Lake City.

A Wastewater Permit Application will be filed with the Uintah Basin District Health Department in Vernal once the drilling contractor has been determined.





M A C
Metcalf Archaeological Consultants, Inc.

April 8, 1994

Mr. Joseph J. Adamski
Coastal Oil and Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory reports for the proposed well pads, access roads and pipeline locations for the NBU #222 unit (state of Utah land) & the Ute #2-33B6 unit, and the inventory report for the utility corridor between pads Ute #2-26B6 and Ute #2-33B6.

Two isolated finds were discovered during these surveys. A stone cairn was located during the survey of the NBU #222 access road. It is located outside the project boundaries and will not be impacted by construction of the access road. A second isolated find consisting of a mano was found within the corridor for the access road to the Ute #2-33B6 pad and approximately 50 feet from the southeast corner of the well pad pit. The isolate was avoided and protected by moving the access road to the west side of the pad, and moving the well pad approximately 50 feet to the northwest. It is recommended that a technician from the Northern Ute Tribe be present during construction at the Ute #2-33B6 unit. As both resources are isolates, they are not eligible to the National Register of Historic Places. Cultural resource clearance is recommended for both well pads, their associated access roads/utility corridors, and the utility corridor parallel to the existing oil & gas field road provided that a Northern Ute technician is present during construction of the Ute 2-33B6 unit.

If you have questions, please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf
Principal Investigator

cc: State Historic Preservation Office, Salt Lake City
Lisa Smith, Permitco
Betsie Chapoose, Cultural Rights & Protection
Ferron Secakuku, Energy and Minerals
Pat Padilla, Energy and Minerals
Business Council, Ute Tribe
Dale Hanberg, BIA, Ft. Duchesne
Norman Cambridge, BIA, Ft. Duchesne
Amy Huslein, BIA, Phoenix

enclosures



**Class III Cultural Resource Inventory of Coastal Oil
and Gas Corporation's Proposed NBU #222 Well Pad,
Access Road, and Pipeline
Uintah County, Utah**

**by
Dulaney Barclay**

**Michael D. Metcalf
Principal Investigator**

**Prepared for
Coastal Oil and Gas Corporation
Nine Greenway Plaza, Suite 474
Houston, TX 77046**

**Prepared by
Metcalf Archaeological Consultants, Inc.
P. O. Box 899
Eagle, CO 81631**

Project Number U-94-mm-164(s)

April 1994

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) of Eagle, Colorado performed a Class III cultural resource inventory of Coastal Oil & Gas Corporation's proposed NBU #222 well pad, access road location, and pipeline in section 11, of T.10S, R.22E, Uintah County, Utah (Figure 1). The project area is located in the Bitter Creek Gas Field south of the town of Vernal, Utah. The entire project area is located on lands administered by the State of Utah.

The well pad is to be located in the E $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$ and the W $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$ of section 11. The access road to the pad begins at the existing access road for NBU #153 in the SW $\frac{1}{4}$ of section 11, and runs north/northeast along the top of a narrow ridge to the pad location on the end of the ridge overlooking the White River. The proposed pipeline parallels the access road approximately 20 feet (6m) east of the centerline. The access road and pipeline are approximately 0.5 miles in length (2500'). A ten acre block was surveyed for the pad location centered on the staked well location, and a 100 foot-wide corridor was covered for the access and pipeline corridor. In all, 15.6 acres were inventoried during this investigation.

The only cultural resource located during the investigation was a stone cairn with a wooden post in the middle (IF NBU #222-1). The cairn is however located outside of the project area, and will not be impacted by the proposed project construction. It was recorded as an isolated find and as such is not eligible to the National Register of Historic Places (NRHP).

The well pad, access road and pipeline were surveyed on April 4, 1994 by MAC archaeologist Dulaney Barclay. All field notes, maps, and pertinent information are on file in the MAC office in Eagle. This cultural resource inventory was carried out under Utah state permit U-MM-94.

File Search

A file search was conducted through the Division of State History in Salt Lake City on April 1, 1994. It revealed that four surveys had previously been performed and two sites had been recorded (42UN671 and 42UN1898) in section 11, T.10S, R.22E. Site 42UN671 is a rock art site recorded in 1978 near the mouth of Bitter Creek in the NW $\frac{1}{4}$ of section 11. Site 42UN1898 is a circular rock structure located in the NE $\frac{1}{4}$ of section 11 (Figure 1). It is composed locally available sandstone slabs stacked up to five stone high. The site was interpreted to be a possible traditional Native American property and was considered significant and eligible to the NRHP (Scott 1991). Paleontological surveys have also identified and inventoried vertebrate fossils within the outcropping Uinta Formation in section 11.

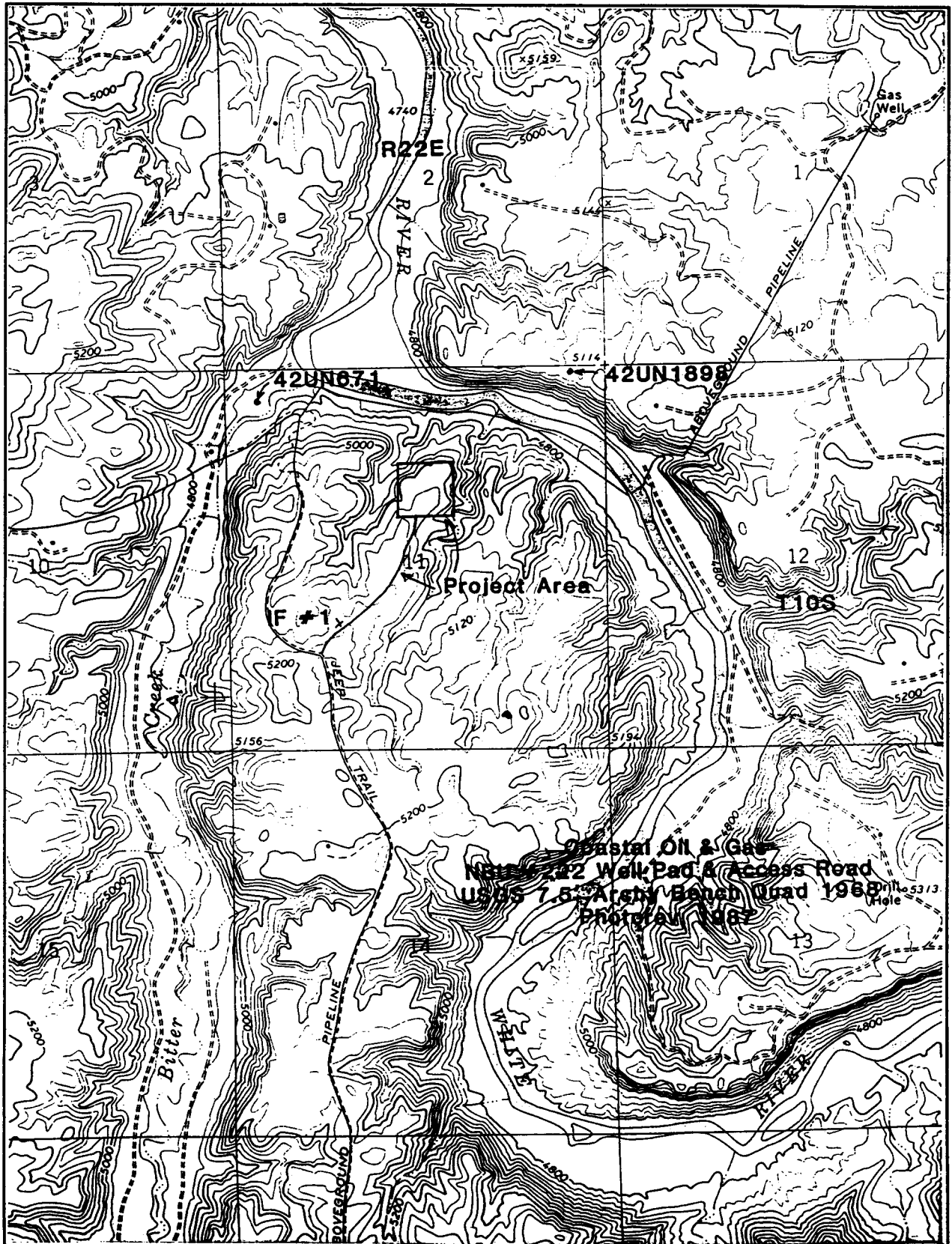


Figure 1 Project and Cultural Resource Location Map (Archy Bench 7.5' Quad)

Environment

The project area is located within the Uinta Basin geographic unit on the extreme northern end of Archy Bench, directly overlooking the White River. The general physiography of the area can be characterized as a broad upland area that has been heavily dissected by numerous seasonal drainages that flow north and east into the White River. The resulting topography is a system of ridges, buttes, and knobs bounded by steep-sided gullies and draws. The project area is located on small bench on the extreme northern end of a narrow, linear ridge overlooking the White River. The ridge rises to the south in a series of small benches towards the top of Archy Bench. Numerous small gullies and draws dissect the east and west sides of the ridge.

Geologically, the project area is underlain by the Eocene aged Uinta and Green River Formations. The Uinta Formation containing vertebrate fossils caps the tops of the ridges and buttes in the area while the older Green River Formation outcrops in the dry gullies and draws. The soil in the project area is thin and consists of a very gravelly, brown, fine-sandy loam.

Vegetation in the project area was sparse with coverage not exceeding 20%. Low sagebrush and grasses (bunch and rice) were predominate, but greasewood, rabbitbrush, and Scarlet gilia were also noted during the survey.

Field Methods

The pad area was surveyed as a 10 acre block centered on the staked drill location by walking parallel transects spaced no more than 15 meters apart. The access road and pipeline corridor were surveyed by walking one zig-zag transect 50 feet wide (15m) on each side of the staked access road centerline. The 50' wide (15m) zig-zag transect on the east side of the access road provided a wide enough corridor to include coverage for the staked pipeline located 20 feet (6m) from the staked centerline of the access road. Special attention was given to areas on the pad location with good overlook characteristics of the White River below.

When cultural resources were encountered, the surrounding area was intensively inspected for additional resources and their locations marked. It was then determined if the the resource should be classified as a isolated find or a site according to State of Utah criteria. The resource was recorded on the appropriate forms, and its relationship to the proposed project area determined. If the resource was to be impacted by the proposed construction, a representative of Uintah Engineering and Land Survey (UELS) was notified so the pad or access could be moved to a different location.

Results

No cultural resources were discovered within the project boundaries during inventory of Coastal Oil and Gas Corporation's proposed NBU #222 well pad, access road, and pipeline locations. A dry laid stone cairn with a wood post in its center was recorded as an isolated find (IF NBU #222-1) 108 ft. (33m) north of the access road centerline on top of a narrow finger ridge. The cairn measured 3 ft. by 2 ft. and was approximately 2 ft. in height. It is believed to be a survey marker, but its age is unknown as there were no inscriptions or artifacts associated with it. Isolated finds are considered not significant and ineligible to the National Register of Historic Places (NRHP). The two previously recorded sites (42UN671 and 42UN1898) are both located almost a half-mile away (2500 ft northwest and northeast, respectively) from the proposed pad location. No further work is necessary.

Recommendations

Cultural resource clearance is recommended for the proposed well pad, access, and pipeline locations of NBU #222. No cultural resources are located within the project boundaries. The only cultural resource discovered during inventory consisted of a stone cairn that is located outside of the project area, and will not be impacted by the proposed project. It is considered not significant and ineligible to the NRHP. The two significant previously recorded sites are located well away from the proposed well pad and access road locations and will not be impacted by the project.

References Cited

Scott, John M.

1991 CIGE #161-2-10-22 Well & Access Location Cultural Resource Inventory for Coastal Oil and Gas Corporation, Uintah County, Utah. Prepared by Metcalf Archaeological Consultants, Inc., Eagle, CO. Ms on file at the Utah Division of State History, Salt Lake City.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

T-513 P.02/03 F-061

Budget Bureau No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

FEE

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or A/Agreement, Name and/or No

8. Name and No.

NBU #222

API Well No.

43-047-32509

10. Field and Pool, or Exploratory Area
Natural Buttes

11. County or Parish, State

Utah County UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Recompletion |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plugback | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give surface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a 'tip' completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only a requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

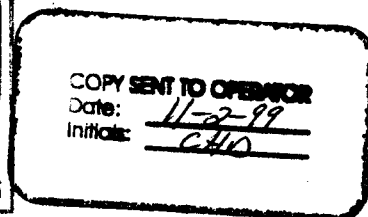
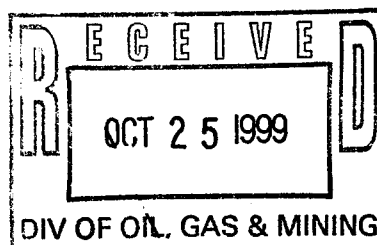
Coastal Oil & Gas Corporation requests authorization to recomplete the above referenced well.

Refer to attached Recompletion Procedure

APPROVED

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 11-1-99



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Sheila Upchego

Title

Environmental Secretary

Date 9/2/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NBU # 222 - CEMENT-PERF SQUEEZE PROCEDURE

Section 11 - 10S - 22E

Uintah County, UT

September 10, 1999

ELEVATION: 5034' GL 5046' KB
 TOTAL DEPTH: 6896' PBTD: FC @ ± 6801'
 CASING: 7", 23#, C-95 LT&C @ 6896'

TUBING: 2 7/8" N-80 & J-55, 6.5#, EUE, @ 5981'.

TOOLS: CIBP @ 6220'.

PERFORATIONS: Wasatch:
 4652'-56', 4667'-72', 4709'-18', 4927'-28', 5752'-62',
 Mesaverde:
 6254'-58', 6268'-72', 6292'-96', 6310'-12', 6478'-79', 6490'-94',
 6506'-10', 6525'-28', 6704'-05', 6716'-20'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES		
				(bbl/ft)	(ft/ft)	(gal/ft)
2 7/8" 6.5# N-80 tbg	7,260	7,680	2.441"	0.00579	0.0325	0.2431
2 7/8" 6.5# J-55 tbg	10,570	11,160	2.441"	0.00579	0.0325	0.2431
7" 23# C-95 csg	7,530	4,150	6.151"	0.0393	0.221	1.6535
2 7/8" by 7" Annulus				0.0313	0.1760	1.3162

OBJECTIVE:


The objective is to drill out the CIBP at 6220' and cement squeeze all perforations in preparation for deepening the wellbore to the Castlegate formation.

1. MIRU workover rig. Note: Enough tubing will be needed to get to 6762'. ND wellhead and stuffing box and NU BOPE. Kill well if necessary with 2% KCl water. Release pump and POOH laying down rods and pump. Release tubing anchor @ 4556' and POOH standing back tubing and laying down TAC and perforated sub.
2. Pick up 6 1/4" bit and scraper, 1 jt 2 7/8" tbg, SN, and RIH on 2 7/8" tubing to 6200'. Break circulation and drill up CIBP @ 6220'. Continue cleaning out to below bottom perforation @ 6720' (it will not be necessary to clean fill all the way to PBTD @ 6801'). POOH laying down bit and scraper.
3. RIH open ended to ±6725'. MIRU Halliburton. Mix and pump 500 sx of Class G neat cement down tubing while pulling up hole in 500' increments. Spot cement across all perforations from 4652'-6720'. Pull tubing up hole to 4,000' and reverse out tubing clean. Squeeze cement into perforation at a maximum pressure of 500 psi and displace cement with a maximum of 15.5 bbls of water. SDFN holding pressure on wellbore.
4. Bleed off pressure and RIH and tag cement top. Consult with engineering. POOH laying down all tubing separating N-80 from J-55. ND BOPE and RD.

TWK

Approvals:

Prod. Manager


 9/10/99

Tech Mgr

VP

**Coastal**
The Energy People

FACSIMILE COVER PAGE

THIS TRANSMISSION CONSISTS OF _____ PAGES INCLUDING COVER SHEET

TO: Lisha Cordova @ FAX # (801) 359-3940FROM: Cheryl Cameron @ FAX # 435-789-4436

If you have any problem receiving the above specified pages, please notify Coastal Oil & Gas Corp office @ 435-789-4433.

Confidentiality Notice:

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Thank you

*Lisha -
If you have
additional questions
Please call -
(435) 781-7023*

Coastal Oil & Gas Corporation

A DIVISION OF THE COASTAL CORPORATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

FEE

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

NBU

#222

9. API Well No.

43-047-32509

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Utah County

UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

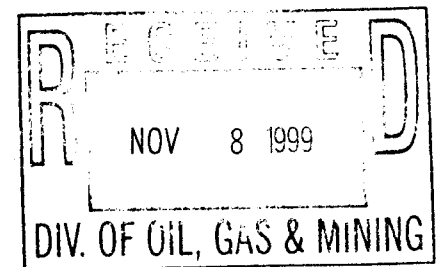
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Workover</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please refer to Chronological Workover Report



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date

11/2/99

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(Instructions on reverse)

**COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS**

CHRONOLOGICAL HISTORY

NBU #222

Page 1

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

WI: 100% COGC AFE: 14687

TD: 6900' PBTD: 6852'

Csg: 7" @ 6896'

Perfs: 4652'-6720'

CWC(M\$): 435.0 /CC(M\$): 409.7

Mesaverde Completion

04/23/97	WO completion. Clean & level location. Set anchors. MIRU Cutters WLS. Ran GR-CCL-CBL from WL - TD @ 6801' to 1100' w/1000 psi on csg. Good cmt bond from TD to TOC @ 1400'. RD WL. Press test csg & WH to 5000 psi. OK. SDFN DC: \$6,950	TC: \$6,950
04/28/97	Prep to re-cmt 9 5/8"-7" csg annulus. MIRU BJ Serv. Cmt 9 5/8"-7" csg annulus w/20 bbls LCM pill, 55 sx super "G" + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake + 2% CaCl ₂ & 150 sx super "G" + 7% FL-52 + 2% CaCl ₂ . Max press 20 psi, strong vac @ end of job. DC: \$6,720	TC: \$13,670
04/30/97	WO Completion. RU BJ Serv. Cmt 9 5/8"-7" csg annulus w/55 sx Super "G" + CaCl ₂ + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake. Max press 160 psi @ end of job. SI w/100 psi on csg. RDMO BJ. DC: \$5,060	TC: \$18,730

Mesaverde Completion

05/11/97	SD till Monday. MIRU Colorado Well Service Rig #70. DC: \$1,150	TC: \$1,150
05/13/97	Prep for acid & break dn. PU 2 7/8" tbg, tag @ 6848'. RU hard line & displ hole w/3% KCl filtered wtr 268 bbls. LD 2 jts. SDFN DC: \$9,283	TC: \$10,433
05/14/97	Prep to pmp acid. WO Dowell. Showed up @ 11 AM, too late to start job. RU. SDFN DC: \$5,486	TC: \$15,919
05/15/97	Swab well clean. SICP 0 psi, SITP 0 psi. RU Dowell. Spot 1107 gals 15% HCl acid w/additives from 6300' to 6750'. POOH w/ 2 7/8" tbg. RU Cutters Wireline Serv. Perf w/4" csg gun, 2 JSPF @ 120% phasing from 6478'-6479', 6490'-6494', 6506'-6510', 6526'-6528', 6704'-6705', 6716'-6720'. FL @ 400', NO press change. RD Cutters WL Serv. RIH w/NC, 1 jt 2 7/8" tbg @ 6013' w/blast jt @ surface. ND BOP, NU WH. RU Dowell. Breakdown perfs (6478'-6720') w/1099 gals 15% HCl acid w/additives and 75 ball sealers (1.3 SG) evenly spread ball out. Max/Avg R=10/9.7 BPM, Max/Avg P=4970/4530 psi, Final 4570 psi. ISIP 2560 psi, 5/10/15=1666/1648/1630 psi. Open well to flow back to clean up TP 1600 psi, CP 100 psi. Need to recover 163 total bbls. Blew for 2 hrs, rec 10 bbls. Ran swab, FL @ 400'. Made 7 runs, rec 38 bbls, FFL @ 3000'. 431 BLW pmpd, rec 48 BLW, 383 BLWTR. DC: \$11,481	TC: \$27,400
05/16/97	Swab & flow well to clean up. SICP 350 psi, SITP 1050 psi. Well blow down immediately. Ran swab found FL @ 700'. Made 7 total swabs, rec approx 49 bbls, FFL @ 2000', CP @ 75 psi, TP 0 psi, PH @ 1. RD Rig #70. MIRU Delsco swabbing serv. SICP 550 psi, SITP 325 psi. Well blew down for 40 mins-died. Ran swab FL @ 2000', made 15 runs, FFL @ 2300', rec 120 bbls. Total load 431, Total rec 168, 263 BLWTR DC: \$22,610	TC: \$50,010
05/17/97	ITP 975 psi, ICP 1200 psi. Blew down in 10 min, tag fluid @ 2300'. Made 4 swab runs, swab 25 bbls. Kick well off. Flowed 20 more, then dried up. Watch until 4 PM, TP 50, CP 300 on 20" chk. Rec 45 bbls, 218 BLTR. DC: \$1,275	TC: \$51,285
05/18/97	Flowing to pit. ITP 40 psi, ICP 590 psi. Pulled chk, ran in with swab. Pulled 3000' gas cut, fluid pulled 6 bbls. Misted for 30 min, dried up install 20" chk. Flowing TP 300 psi, cp 500 psi. Sent swabber in. Rec 6 BLW, 212 BLWTR. DC: \$801	TC: \$52,086
05/19-20/97	SI - WO frac.	
05/21/97	Prep to frac 2nd Stage - MIRU Dowell frac equip. Frac perfs 6478'-6720' w/74,800 gal WF125 + 169,000# 20/40 sd. Flush w/15 bbls 15% HCl + 186.7 bbls WF120, Avg IR 25 BPM @ 2300 psi.	

RU Cutters WLS. RIH w/2 1/8" gun, could not get below 2950±. POOH w/gun. Circ 40 BW down tbg. RIH & perf 6254'-58', 6268'-72', 6292'-96' & 6310'-12', 2 SPF w/ 2 1/8" tbg gun. No press change after perf. Pmpd 1983 BLW, rec 0 BLW, 2195 BLWTR. SDFN
DC: \$5,040 TC: \$54,357

05/22/97 Flow tstg well. RU Dowell, pre-job Safety Meeting. Press tst lines to 6000 psi. Spearhead Stage #2 w/1260 gals w/ 15% HCl in front of pad. Breakdown perfs & frac w/128,680# 20/40 sd.1 ppg - 21 BPM, CP 2578 psi, TP 2384 psi
2 ppg - 21 BPM, CP 2522 psi, TP 2384 psi
3 ppg - 21 BPM, CP 2384 psi, TP 2400 psi
4 ppg - 21 BPM, CP 2219 psi, TP 2443 psi
5 ppg - 21 BPM, CP 2163 psi, TP 2498 psi
10 ppg - 21 BPM, CP 2094 psi, TP 2530 psi
Start flush @ 21 BPM, CP 2069 psi, TP 2530 psi, ISIP @ 2370 psi, 20 min 2035 psi. Max/Avg P=2637/2200 psi, Max Rate @ 21 BPM throughout frac. Flow back well @ 11:30 AM w/ 18/64" chk for 1 hr. TP @ 1800 psi. Flow tstg well. Total 3576 BLWTR, pmp 1381 BLW.

TIME	CP	TP	CHK	BWPH	SAND
11:30 AM	1300	1400	18/64"		LT
12:30 PM	1300	1400	20/64"	89	LT
1:30	1200	1150	20/64"	88	LT
2:30	900	900	20/64"	48	LT
3:30	720	720	18/64"	32	LT
4:30	520	580	18/64"	16	LT
5:30	500	500	18/64"	64	LT
6:30	400	380	18/64"	48	LT
7:30	300	300	18/64"	40	LT
8:30	240	240	18/64"	36	LT
9:30	200	200	18/64"	36	LT
10:30	160	160	18/64"	44	LT
11:30	140	140	18/64"	40	LT
12:30 AM	140	140	18/64"	40	LT
1:30	140	120	18/64"	38	LT
2:30	120	120	18/64"	36	LT
3:30	100	100	18/64"	34	LT
4:30	100	100	18/64"	32	LT
5:30	80	80	18/64"	24	LT
6:30	70	70	18/64"	24	LT

Total 809 BLW, BLWTR 2767 - gas rate 125 MCFPD @ report time.
DC: \$105,875 TC: \$160,232

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	0	5	18/64"	5	NON
10:00	0	3	NC	5	NON
11:00	0	3	NC	5	NON
12:00 AM	0	0	NC	3	NON
1:00	0	0	NC	3	NON
2:00	0	0	NC	3	NON
3:00	0	0	NC	3	NON
4:00	0	0	NC	3	NON
5:00	0	0	NC	2	NON
6:00	0	0	NC	2	NON

Total 34 BLW, BLWTR 2733
DC: \$1,300 TC: \$161,532

05/24/97 Flow back. RU Delsco & run @ TD. WL TD @ 6542' perf. Covered 6704'-6708', 6716'-6720'. MIRU Delsco. TP 0 psi, CP 50 psi. Well flowing 3-5 BPH. Made 10 swab runs, rec 140 bbls, IFL 200', FFL. Blow to pit on 45/64" chk for 1 1/2 hrs. Put to tank on 18/64" chk. Flowed & swab back, total 160 BLW. Total rec 300 BLW, 2433 BLWTR.

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	400	0	48/64"	0	NON
10:00	500	0	48/64"	0	NON
11:00	520	200	48/64"	5	NON
12:00 AM	600	0	30/64"	0	NON
1:00	700	0	30/64"	0	NON
2:00	725	50	30/64"	0	NON
3:00	750	50	18/64"	5	NON
4:00	775	75	18/64"	5	NON
5:00	800	75	18/64"	5	NON
6:00	825	100	18/64"	5	NON

Total rec 410 bbls, total 2023 BLWTR - gas rate 150 MCFPD.

DC: \$1,300

TC: \$162,832

05/25/97

TIME	CP	TP	CHK	BWPH	SAND
11:00 AM	950	140	30/64"	5	NON
4:00	1300	140	30/64"	5	NON
6:00	1350	100	20/64"	5	NON
7:00	1350	100	20/64"	5	NON
8:00	1350	100	20/64"	5	NON
9:00	1350	100	20/64"	5	NON
10:00	1350	100	20/64"	5	NON
11:00	1400	100	20/64"	5	NON
12:00 AM	1400	100	20/64"	5	NON
1:00	1450	100	20/64"	5	NON
2:00	1500	350	20/64"	30	NON
3:00	1525	700	20/64"	30	NON
4:00	1400	600	20/64"	30	NON
5:00	1200	550	20/64"	30	NON
6:00	1150	450	20/64"	30	NON

Total 280 BLW, BLWTR 1753 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$164,132

05/26/97

TIME	CP	TP	CHK	BWPH	SAND
10:30 AM	1000	450	20/64"	4	NON
11:30	950	450	20/64"	4	NON
12:30 PM	960	450	20/64"	1	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON
7:00	900	475	20/64"	10	NON
8:00	900	475	20/64"	10	NON
9:00	900	475	20/64"	10	NON
10:00	900	475	20/64"	10	NON
11:00	900	475	20/64"	10	NON
12:00 AM	900	475	20/64"	10	NON
1:00	900	475	20/64"	10	NON
2:00	900	475	20/64"	10	NON
3:00	900	475	20/64"	10	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON

Total 160 BLW, BLWTR 1583 - gas rate 750 MCFPD.

DC: \$1,300

TC: \$165,432

05/27/97

TIME	CP	TP	CHK	BWPH	SAND
4:00 PM	825	330	20/64"	4	NON
6:30 AM	770	300	20/64"	2	NON

Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.

DC: \$1,300

TC: \$166,732

05/28/97

Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97

Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.

DC: \$68,888

TC: \$235,620

05/30/97

Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

05/31/97

Flowing 476 MCF, 31 BC, 123 BW, 400 TP, 780 CP, on 16/64" chk.

06/01/97

Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20

06/02/97

Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30

06/03/97

Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.

06/04/97

Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.

06/05/97 Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Completion. **Final Report**

CLEAN OUT & LWR TBG

08/09/97 **CO frac sd, lwr tbg.**
MIRU. Left well on prod. CWC: \$4,608

08/10/97 **ND BOPs. NU tree. Prep to swb.**
Kill well w/25 BBLS 2% KCl. ND tree. NU BOPs. PU & RIH w/16 jts 2 7/8" tbg. Tag @ 6495'. PU pwr swivel, circ. Add 10 bags Benzoic Flakes. Wash & CO to 6801'. Circ hole cln. RD swivel. POOH. LD 10 jts tbg. Add 10 blast jts. Land in hgr. SDFN.
CWC: \$ 11,560

08/11/97 **Swb.** SICP 0, SITP 0. RD floor & tbg equip. ND BOPs, NU WH. MIRU SU. IFL 800'. Swb 250 BF/24 runs. FFL 4000'. SDFN. CWC: \$14,599

08/12/97 **Well on prod.** SICP 900#, SITP 150#. RU WU. Swb 60 BF/12 runs. IFL 3000'. RD. Put well on prod. Flwd 1000 MCFD, FTP 440#, FCP 895#, on a 20/64" chk.

08/13/97 Flwg 221 MCFD & 20 BWPD on a 30/64" chk, FTP 310#, FCP 950#, LP 310#.

8/15/97 Install Plunger lift equipment. TC: \$2360

RECOMPLETE WASATCH & MESAVERDE

11/17/97 **RIH w/2 7/8" tbg.** MIRU rig & equip. FTP 293#, SICP 1050#. Bled off, pumped 45 bbls 2% KCL dwn csg & 10 bbls 2% KCL dwn tbg. N dn H NU BOP. PU & RIH w/2 7/8" tbg, tag @ 6801'. POOH w/2 7/8" tbg. RIH w/7" CIBP & setting tool & 2 7/8" tbg. EOT @ 2529'. SDFN.
DC: \$9,594 TC: \$ 9,594

11/18/97 **Ck well & RD.** SITP 650#. SICP 700#. Bled off. RIH w/2 7/8" tbg, well kicked. Pumped 30 bbls 2% KCL dwn csg & 15 bbls 2% KCL dwn tbg. Set CIBP @ 6380'. POOH w/EOT @ 6314', spot acid across MU perms f/6254' - 6312' w/20 bbls 2% KCL, 100 gals 7 1/2" HCL w/add. Flush w/36 bbls 2% KCL. LD 70 jts 2 7/8" tbg. POOH w/2 7/8" tbg & LD setting tool. RIH w/ 2 7/8" collar on btm of btm jt, 148 jts 2 7/8" tbg & blast jt. EOT @ 4583'. ND BOP & NU WH, RU swab, 2 hrs, 4 runs, 48 BW. PH-6, IFL 400, FFL 2900'. SDFN & SWI.
DC: \$6,181 TC: \$16,722

11/19/97 **WO frac job.** STIP 75#, SICP 50#. Bled off. RU swab, IFL 1100', FFL 4500' 3 1/2 hrs, 14 runs, 70 bbls wtr. PH 7, CP 10#. Swabbed dry, RD swab & drain lines. SWI SDFN.
DC: \$4,887 TC: \$21,881

11/23/97 Rig shut down WO frac. Hauling water.

11/27-28/97 Shut down.

11/29/97 **Set CIBP, perf.** Finish rig up BJ Services. Held safety meeting. Test 5260, pump 20 bbl 2% to determine # holes open 3-9 and opening frac zone 6254-6312. All perms opened win acid hit frac w/87000# 20/40 sand & 743 bbls Viking 125. Avg rate 33.5 @ 3300 psi. Max rate 41 BPM @ 4500 psi. Frac gradient 957. Try to set plug in 10 min, 30 min rig up Cutters. RIH, tag sand @ 6237'. RIH, set CIBP in 2 7/8 tbg @ 4570'. Pull out, nipple down well head, nipple up 4570'. Pull out, nipple down well head, nipple up BOP & rig up snubbing unit. POOH. Flowing csg slow on 18" choke on the way out of hole. SIFN.
DC: \$53,418 TC: \$78,504

- 11/30/97 **Flow back after frac.** SICP 0, RD snubbing unit. NU frac valve, RU Cutters WLS. Set CIBP @ 6000', perf 1 spf w/ 4" csg gun 5752- 5762' (40 holes). SICP 0 before & after perf. RU BJ. Hold safety meeting. PT lines to 5200 psi. Brk dn perfs 4.5 BPM & 3140 psi to 27 bpm & 1200 psi. Frac (stage 2) w/11,300 gal Viking 126 & 40,100# 20/40 sd. Ramped 2-8 ppg. AIR 30.5 bpm & 1800 psi. MP 2500 psi. ISIP 2150 psi, 5 min 1860 psi. 10 min 1730 psi, 15 min 1690 psi. RU WL, set CIBP @ 5200'. Perf 1 spf w/4" csg gun 4652-56', 4667-72', 4709-18' & 4927-28' (total 22 holes). Brk dn perfs @ 5 bpm 4690 psi to 26 bpm & 2180 psi. Frac (stage 3) w/24,360 gal Viking 126 & 99,610# 20/40 sd. Ramped 2-6 ppg avg IR 28.6 bpm @ 1300 psi. MP 1900 psi, ISIP 1600 psi, 5 min 1480 psi, 10 min 1390 psi, 15 min 1280 psi, 30 min 1210 psi, RD BJ & Cutters. SICP 1100 psi. Start flwback on 20/64" choke. Flwback 100 mcf, 470 BW, FCP 75#, 18/64" ck, LLTR 1763 bbls.
DC: \$58,320 TC: \$ 140,323
- 12/1/97 **Flow back after frac.** FCP 76 psi, 18/64" choke, 20 BW/hr, no gas. Opened choke, pumped 15 bbls water, well pressured up, could not kill well. FCP 0, open choke, 86 BW/hr, no gas. FCP 0, open choke, 65 BW/hr, no gas. FCP 0, open choke, 74 BW/hr, no gas. FCP 0, open choke, 52 BW/hr sli gas cut. FCP 10 psi, open choke, 25 BW/hr, v hvy gas cut. Change choke to 20/64". FCP 200 psi. Flowed overnight on 20/64" choke. Flowback 500 mcf, 300 BW, FTP 0, FCP 500#, 20/64" choke, LLTR 1463 bbls.
DC: \$6,430 TC: \$146,079
- 12/2/97 **Kill well & changout BOPs.** 600# SIP. Blow dn, RU pmp, pmpd 180 bbls 2% KCl. Could not kill well. NU BOPs, RU snubbing unit. RIH w/ 6-1/8" mill, pmp off sub. X/O to 2-3/8" SN, X/O to 2-7/8". 1 jt 2-7/8" tbg, 2-7/8" SN. Tag @ 5226'. RD snubbing unit. POOH w/2-7/8" tbg. EOT @ 4600', pipe rams on BOPs would not close. Left well w/ flowback crew. Left well flowing on 3/4" choke, w/ 2 lines to pit. Order out 10# brine to kill well in A.M. Land tbg & change out BOPs. SDFN.
DC: \$7,741 TC: \$154,284
- 12/3/97 **RIH & CO.** SITP 0, FCP 125# 64/64" choke. RU pmp & lines. Pmp 110 bbls 10# brine to kill well. Land tbg, NU BOPS & frac valve. NU BOPS, drain pmp & lines. SWI. SDFN.
DC: \$3,196 TC: \$157,671
- 12/4/97 **RIH & CO.** SICP 750#, SITP 600#. Bled off. Pumped 5 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg. Tag @ 5209. RU pwr swvl. Drl on CIBP f/5 1/2 hrs w/well flowing up csg @ 500# dwn to 250# on a 48/64" choke. RD pwr swvl. RIH w/2 7/8" tbg. Tag @ 5760. POOH w/2 7/8" tbg. EOT 4,600', SWI & drain pmp & lines.
DC: \$4,731 TC: \$162,686
- 12/5/97 **RIH, RU foam unit.** SICP 150 # SITP 700#. Bled off. RIH w 2 7/8 tbg, tag @ 5770. RU power swivel, clean out to 5785'. Well stopped flow up csg, broke circ w/80 bbls 2% KCL. Circ out sand. Losing a lot of fluid. RD power swivel. POOH w/2 7/8 tbg, 6 1/8 mill. Mill half worn out. RIH w/6 1/8 mill. Bit sub, pump off sub, 1 jt 2 7/8 tbg. EN nipple w/plug & 2 7/8 tbg. EOT 4600' drain pump & lines. SDFN.
DC: \$ 5,754 TC: \$168,785
- 12/6/97 **RIH & CO.** SITP 0, SICP 30#. RIH w/2 7/8" tbg. Tag sand @ 5763'. RU pwr swvl & air foam unit. Brk circ w/AF. CO to 5939' pushing old CIBP all the way. Blow clean, pump 10 bbls 2% KCL. POOH w/2 7/8" tbg. EOT @ 4667'. Drain pump & lines. SWI. SDFN.
DC: \$7,738 TC: \$176,987
- 12/7/97 **RIH w/tbg. F/CO. SD & drill CIBP.** SICP 1050 psi. Blowwell dn. RIH w/2 7/8 tbg. Tag sd @ 5924'. RU swivel & b/circ w/air foam. CO f/5924' to 6,000'. Drlg CIBP @ 6000'. Circ hole clean @ 6062'. Pump 10 bbls 2% KCL dn tbg. RD swivel & RIH w/2 7/8 tbg. Tag sd @ 6330'. POOH w/2 7/8 tbg f/above perf. EOT 4637' & SWIFN @ 5:30 PM.
DC: \$5,950 TC: \$183,294
- 12/8/97 **Blow well dn. F/CO sd. Drlg CIBP.** SICP 1300 psi. SITP 800 psi. Blow well dn. RIH w/51 jts 2 7/8 tbg. Tag sd @ 6322'. RU swivel & b/circ w/air foam. CO f/6322-6336'. Air foam unit out of fuel. PU off btm & rotate WO fuel & blade to blade hills. CO f/6333 to 6345' w/air foam & drlg on 2nd CIBP. Circ hole clean @ 5345'. Pump 10 bbls 2% KCL dn tbg. RD swivel & POOH w/2 7/8 tbg f/above perf. EOT @ 4637' SWIFN @ 5:30PM.
DC: \$7,809 TC: \$191,572
- 12/9/97 **RIH & CO.** SICP 1380#. SITP 900#. Blow dn. RIH w/2 7/8" tbg, tag sand & pieces of old BP @ 6518'. RU pwr swvl. String float break circ w/air foam unit. CO to 6380'. Tag CIBP. PU 10' sub drill on BP f/4 hrs. Push ahead to 6542'. Circ clean. RD pwr swvl. POOH w/2 7/8" tbg. EOT 4637' SWI. SDFN.
DC: \$ 7,965 TC: \$200,003
- 12/10/97 **RIH & CO.** SICP 1150# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6518'. RU pwr swvl & string float. Break circ w/air foam unit. CO to 8532'. Fan went thru the radiator on the pwr swvl. Order out another pwr swvl. RU new pwr swvl. CO to 6611'. Blow clean, RD pwr swvl. POOH w/ 2 7/8" tbg. EOT @ 4637'. SWI. SDFN.
DC: \$ 9,758 TC: \$210,346

12/11/97 **RIH & ck f/fill.** SICP 1050# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6546'. RU pwr swvl & string float. Break circ w/air foam unit. CO to PBTB @ 6801'. Blow clean f/2 hrs. RD pwr swvl & POOH w/2 7/8" tbg. EOT @ 4637. SWI.
DC: \$7,458 TC: \$218,252

12/12/97 **RD rig & equip.** SITP 750# SICP 1000#. Blow down pmp 15 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg, tag @ 6731'.66' of fill. RU pwr swvl & string float. Brk circ w/air foam unit, CO to 6801'. Circ clean, RD pwr swvl. POOH & LD 10 jts 2 7/8" tbg. Land tbg w/EOT @ 6503'. XN nipple @ 6489'. RD. ND BOP, NU WH, RU Delsco. RIH & fish plug f/XN nipple. Just got top half of XN plug. Pmpd 10 bbls 2% KCL. Press up w/air foam unit to 1150#. Press dropped off. RD WLS & foam unit. NU flowline to pit, turn over to flwback crew. SDFN. Flwg 0 mcf, 5 BW, FTP 0#, FCP 1025#, 48/64" ck, LLTR 198 bbls.
DC: \$12,927 TC: \$231,955

12/13/97 **RIH w/2 7/8" CIBP & POOH w/2 7/8" tbg.** SICP 1050#, SITP 0#. RIH w/sinker bars & found that mill was not gone. POOH w/sinker bars. Pmp 60 bbls 2% KCL. Call out Cutters WLS. RU WLS, RIH w/radial cutter. Couldn't get past 6470' XN nipple. POOH & RIH w/sinker bars. Flw dn csg, press tried to knock plug out of tbg. No luck. POOH & SWIFN.
DC: \$7,155 TC: \$239,539

12/14/97 **Prep to land tbg & RD CUDD.** SICP 850#, SITP 600#. PU RIH w/2 7/8" CIBP on Cutters WL. Set plug @ 6468. POOH w/WL. RD Cutters. Blow down tbg & csg. ND WH, NU BOPs, RU floor & equip. POOH to 2500'. Well kicking. RU snubbing unit. Finish TOOH. LD 1 jt w/CIBP. TIH w/1 NC, 1 jt tbg, 1-XN nipple & 209 jts tbg. SWIFN.
DC: \$10,972 TC: \$251,169

12/15/97 **RD GWS. MIRU Delsco.** SITP 0#, SICP 1100#. PU & land tbg @ 6503'. XN nipple 6569'. RD cudd. NDBOP, NU WH. Drop ball to release exp plug. Chase w/60 bbls 2% KCL water. Didn't see any press at all. RIH w/sinker bars. Tag at 6500' +/- POOH. RU swab. IFL 900'. Made 14 swab runs, recovered 150 bbls. FFL 1900'. Csg press 1180 psi. Gas cut fluid on last three runs. SWI. SDFN. Drain flow lines.
DC: \$7,147 TC: \$258,745

Initiate Swabbing Operations

12/16/97 **Try to produce.** MIRU Delsco. ITP 200, ICP 1050, IFL 1800. 8 runs 80 bbls, flow well 20 bbls. SIFN, will try to put on in morning. FTP 300, FCP 850, FLL 2000, lots of water. Flow line needs to be redone off wellhead.
DC: \$978 TC: \$978

12/17/97 **Open to pit 24/64 choke.** Delsco, ITP 750, ICP 1250. Blow dn 10 mins, IFL 2000. 8 runs 80 bbls. Blow well, 35 bbls, total 115 bbls. FTP 250, FCP 1050, FFL 1600. Open to pit on 24/64 choke, unloading. TP 320, SICP 945 at 2:15P. Will try to produce in morning.
DC: \$813 TC: \$1,791

12/18/97 **Open to pit.** Delsco. ITP 0, ICP 1300. 5 runs 60 bbls. Blow well 60 bbls. Total 120 bbls. FFL 2000. Open well to blow, put in 24/64. Well just about died. Open well full choke, unload water. Put in 48/64 ck to pit. 3 AM. FTP 200 SICP 750. Very wet gas on 48/64 ck.
DC: \$738 TC: \$2,529

12/19/97 **Prep to swab.** Delsco. FTP 160, SICP 650. SI. Hooked up prod line, put on sales, will not produce. 270 TP, 950 CP. Tried to blow well, went dead. SI will swab in morning.
DC: \$350 TC: \$3,029

12/20/97 **Open to pit on 30/64.** Delsco. ITP 40, ICP 1200 IFL 3200. 2 runs 15 bbls, flow 70 bbls, total 85. Put in 48/64 choke at 10:00A. TP 160, CP 950. 30/64 at 1:00P to pit. Press at 3:00P FTP 320, SICP 850 still wet gas.
DC: \$1,055 TC: \$3,646

12/21/97 **Selling.** ITP 300, ICP 800. Shut in to hook up prod line. Start fires - warm up separator & dehy. Turn down line on 20 choke. FTP 375, FCP 825.
DC: \$690 TC: \$4,336
Additional charge: backfilling pit.
DC: \$7,035 TC: \$11,371
Additional charge: hauling water from pit.
DC: \$25,000 TC: \$36,371

12/22/97 Flwg 528 MCF, 219 BW, FTP 400#, CP 895#, 20/64" ck, 24 hrs.

12/23/97 Flwg 498 MCF, 188 BW, FTP 360#, CP 900#, 20/64" , 24 hrs.

12/24/97 Flwg 486 MCF, 197 BW, FTP 410#, CP 900#, 20/64" ck, 24 hrs.

12/25/97 Flwg 458 MCF, 187 BW, FTP 360#, CP 900#, 20/64" ck, 24 hrs.

12/26/97 Flwg 459 MCF, 170 BW, FTP 350#, CP 900#, 20/64" ck, 24 hrs.

12/27/97 Flwg 440 MCF, 160 BW, FTP 350#, CP 890#, 20/64" ck, 24 hrs.

12/28/97 Flwg 432 MCF, 100 BW, FTP 340#, CP 900#, 20/64" ck, 24 hrs. Prior prod: Flwg 181 MCF, 5 BW, FTP 296#, CP 1041#, 30/64" ck 24 hrs. **Final Report**

1/7/97 **Check Well.** ITP 180 psi, ICP 1250 psi. MIRU Delsco swabbing unit. Ran swab. Found FL @ 2000'. Made 4 runs, well kick off. Recover 24 bbls. FFL @ 3000'. FCP 1200 psi. FTP 200 psi. SDFN. Put well on production.
DC: \$1,078 CC: \$1,078

Reclaim Pit

2/12/98 **Producing.** Close reserve pit & clean up location.
DC: \$6,000 CC: \$6,000

Raise Tbg & Run Prod Log - LOE

06/09/98 **POOH w/Tbg for Bumper Spring.** Road rig f/NBU #286 to NBU #222. MIRU PU. SICP 550#, FTP 286#. Blow well dn. ND WH, NU BOPS & chg rams. PU & LD hgr. RU Delsco. RIH & recover plunger. RIH & attempt to recover bumper spring - hung up in collar above XN nipple. Shear off & RD Delsco. Shut tbg in & left csg open for sales @ 5:30 pm.
DC: \$3,822 CC: \$3,822

06/10/98 **WO Evaluation of Log.** FCP 180#, SITP 20#, 48/64" ck. Blow well dn. POOH w/2-3/8" tbg, XN nipple & pmp off plug. Recover bumper spring scale up & 600' tbg. 12 2-7/8" collars were eaten up. PU NC, 1 jt tbg, SN & RIH w/145 jts 2-7/8" tbg. EOT @ 4500'. RU flow tee adjustable ck & Well Information Serv. Run prod log f/4652'-6697'. Logger TD 6697'. With well flwg FTP 50#, FTP 490#. SI tbg & RD WIS. Leave well flwg on csg to sales @ 6:30 pm.
DC: \$8,177 CC: \$11,999

06/11/98 **Finish RIH w/Tbg, Csg Scraper, & Bit.** SITP 425#, FCP 275#. Blow well dn. RIH w/31 std tbg. LD 52 jts tbg. Fin POOH w/156 jts 2-7/8" tbg. LD NC & PU 6-1/8" drag bit & 7" csg scraper & RIH w/2-7/8" tbg. High winds. EOT @ 2980'. Leave csg open to sales. Shut dn for wind @ 3:00 pm.
DC: \$2,402 CC: \$14,401

06/12/98 **RU Delsco & Swab on Well.** Blow well dn. Fin RIH w/2-7/8" tbg, bit, & scraper to 4815'. RU & pmp 150 bbls 2% KCL dn csg. No returns. POOH w/2-7/8" tbg, bit, & scraper. RU Cutters WL & RIH w/6.125 gauge ring & junk basket to 4800'. RIH w/7" RBP & set @ 4700'. RIH w/bailer & dump 1 sx sd on RBP @ 4700'. RD Cutters WL. PU NC & RIH w/2-7/8" tbg. RU & broach tbg to SN @ 4643'. PU hgr & land w/151 jts 2-7/8" 6.5#, N-80 tbg. EOT @ 4676'. SN @ 4643'. RD floor & tbg equip. ND BOPS, NU WH. RU & swab. Made 5 runs, rec 25 BW. IFL 3400', FFL 3300'. ICP 375#, FCP 180#. ITP 400#, FTP 0. RDMO. SWIFN. **Final Report.**
DC: \$5,043 CC: \$19,444

LOE - Set RBP Lower

07/02/98 **Prep to RIH w/hydrostatic bailer.** MIRU General Well Service Rig #101. Blow well dn. ND WH, NU BOP. POOH w/2-7/8" tbg. RIH w/retrieving head for RBP & 2-7/8" tbg. Tag fill @ 4692' (RBP @ 4700'). Attempt to brk circ w/275bbls 2% KCL wtr - would not circ. POOH w/tbg & ret head. SDFN.
DC: \$7,047 CC: \$7,047

AFE# LOE

01/26/99 **Prep to POOH w/rods & pump**
MI & RU Colo well Serv. Rig # 26. Prep to POOH w/ rods & pump. SDFN
CC:\$700

01/27/99 **POOH w/tbg**
RD Horse's Head, POOH w/rods & pump. Well kicked, (flowed hvy oil up csg). RU Hot oil unit, flushed tbg & killed well w/50 bbls hot 2% KCL wtr. Released tbg anchor, NUBOP. POOH 75 stds tbg. Lay down tbg anchor. SDFN
CC:\$5,725

01/28/99 SICP & SITP 380 psi. Blow well dn., dropped standing valve. Pmpd 20 bbls wtr down tbg. Finish POOH w/ tbg found split in 3 rd jt above PSN (appeared to have been caused by rod wear). RIH w/ Bull plug, 4' perf tbg sub, 1 jt 2 3/8" tbg, PSN, 62 jts 2 3/8" tbg, TAC & 148 jts 2 3/8" tbg landed w/EOT @ 6550', PSN @ 6514' & tac @ 4592'. NDBOP, set tac w/15000# tension. RU to run rods. RIH w/2 1/2" x 1 1/2" x 12' x 15' x 17' RHAC pump. 10-7/8" guided rods, 70 3/4" guided rods, 178 -3/4" slick rods, 1 2' x 3/4", 1 - 4' x 3/4" rod subs & 1 1/2" x 22' polished rod. Spaced out & hung on. Press test tbg to 500psi-OK. Started pumping. RD & MO Colo Well Serv. Rig # 26. SDFN
CC:\$10,115

07/03/98 **Finish POOH w/retr tool & tbg.** SICP 200#. Blow well dn. PU & RIH w/retr tool & hyd bailer & tbg. Tag sd @ 4694'. Bailed sd to 7" RBP @ 4700'. Latch onto plug, release & equalize. Pmp 50 bbls 2% KCL dn csg. POOH w/tbg, hyd bailer, & 7" RBP. LD tools. PU 7", 23# RPB & RIH w/tbg. Attempt to set RBP @ 4750' to 4830' - slipping. Flush w/40 bbls dn csg. Attempt to set RBP - not set. POOH w/tbg & RBP. Slips were smooth. PU new 7", 23# RPB w/carb slips. RIH w/tbg. Set RBP @ 4750'. LD 2 jts & POOH w/tbg & retr tool. EOT @ 2238'. SWIFN.
DC: \$6,468 CC: \$13,515

07/04/98 **RDMO.** Blow well dn. Finished POOH w/retr tool & LD. PU NC, 1 jt, SN, 151 jts of 2-7/8" tbg. Landed tbg. EOT @ 4704', SN set @ 4671'. ND BOP, NU WH. Broached tbg to SN. RU swab. Made 19 total runs, rec 92 bbls. IFL 2500', FFL 3200'. ICP 100#, FCP 200#. ITP 50#, FTP 0. SDFN.
DC: \$3,405 CC: \$16,920

07/05-06/98 **Shut dn for PBU.**

07/07/98 **Fish for line & tools.** Made 6 swab runs, rec 30 bbls. ITP 0, FTP 0. ICP 340#, FCP 340#. IFL 3000', FFL 3000'. On 7th run swab line parted in lubricator w/splice 800ft in tbg with 25 ft of tools (1-1/2" weight bar, 8' spring & jars, 2' swab knuckle & mandrel). SWIFN. Will fish in morning.
DC: \$756 CC: \$17,676

07/08/98 **Fish w/external spear.** SICP 360#, SITP 0#. Fish swab line in tbg w/internal spear. Fish approx. 120' of cable. SDFN.
DC: \$1,405 CC: \$19,081

07/09/98 **RU Delsco & swab.** ITP 0, ICP 400#. Made 2 more trys without side catcher. RD Delsco. MIRU GWS. Blew dn well. ND WH, NU BOP. RU floor tools for 2-7/8" tbg, change rams in BOP. POOH 63 stds, tie onto sand line. Pull sand line & swab. RIH w/same prod string, NC, 1 jt, PSN, 151 jts 2-7/8" N-80 tbg. PU hgr & land. ND BOPS, NU WH. RDMO. SIFN.
DC: \$4,539 CC: \$23,620

07/10/98 **Swab.** RU Delsco. Made 22 swab runs, rec 110 bbls. IFL 2800', FFL 3600'. ITP 0, FTP 0. ICP 40#, FCP 150#. Drop 2 soap sticks. SIFN.
DC: \$1,384 CC: \$25,004

07/11/98 **SI - wait on AFE or orders.** Made 28 swab runs, rec 140 bbls. FFL 3600'. ICP 225#, FCP 350#. ITP 0, FTP 0. SI well, wait on AFE or orders. **Drop from report for further evaluation.**
\$1,496 CC: \$26,500

Install Pumping Unit (AFE #28105)

09/02/98 **Prep to RIH w/retr tool for RBP.** MIRU CWS rig # 26. SICP 550 psi, FTP 0. Blow dn csg. ND WH. NU BOP. LD tbg hgr. RIH w/tbg. Tag RBP @ 4750' (no fill on RBP). POOH w/2 7/8" tbg. SDFN.
DC: \$5,503 CC: \$5,503

09/03/98 **Prep to kill well & set tbg anchor.** SICP 0. RIH w/retr tool for RBP. Rlsd RBP @ 4750'. Well kicked. SICP incr to 520 psi. Blow dn & kill well w/150 bbls 2% KCl wtr. POOH & LD RBP & retr tool. RIH w/bull plug, 2 7/8" x 4' perf tbg sub, 1 jt 2 7/8" J-55 tbg, PSN, 53 jts 2 7/8" J-55 tbg, 4 jts 2 7/8" N-80 tbg, Baker TAC, & 148 jts 2 7/8" N-80 tbg. EOT @ 6545'. Well kicked. SWIFN.
DC: \$5,752 CC: \$11,255

09/04/98 **Producing.** SITP 600 psi, SICP 600 psi. Blow dn & kill well w/80 bbls 2% KCl wtr. ND BOP. Set Baker TAC @ 4592' w/14,000# tension. Land tbg - EOT @ 6549' & PSN @ 6514'. RU to run rods. RIH w/2 1/2" x 1 1/2" x 12' x 15' x 17' RHAC pmp, 10 - 7/8" guided rods, 70 - 3/4" guided rods, 178 - 3/4" slick rods, 1 - 2' x 3/4" rod sub & 1 1/2" x 22' polished rod. Hung on. Loaded tbg w/5 BW & press test to 500 psi. Started pmpg.
DC: \$35,470 CC: \$46,725

09/05/98 Flwg 8 MCF, 83 BW, CP 286 psi, 16 hrs (pmpg).

09/06/98 Flwg 156 MCF, 108 BW, CP 289 psi, 24 hrs (pmpg).

09/07/98 Flwg 156 MCF, 123 BW, CP 290 psi, 24 hrs (pmpg).

09/08/98 Flwg 418 MCF, 234 BW, CP 350 psi, 24 hrs (pmpg).

09/09/98 Flwg 386 MCF, 135 BW, CP 299 psi, 64/64" ck, LP 291#. Prior production: 0, - well logged off.
Final Report.

4/8/99 SICP - 274#, SITP - 150#. MIRU. RD PUMP UNIT. BLOW WELL DWN. UNSEAT 1 1/2" PUMP @ 6,514'. FLUSH TBG W/ 30 BBLS 2% KCL. POOH & LD PUMP. MIRU WEATHERFORD. RIH & LOG 2 7/8" TBG W/ 30 FINGER CALIPER TOOL & SPLIT DETECTOR. LOGGED 212 JTS 2 7/8" TBG. 180, #1 (0-30%), 24 #2 (30-45%) 8 #3 (45-100%). RDMO WEATHERFORD. SWI, SDFD.

04/09/99 SCHEMATIC (SEE WELL FILE).
SICP - 50#, SITP - 0#. BLOW WELL DWN. PUMP 20 BBLs 2% KCL DWN CSG. ND WH, RLS 7" X 23# TAC @ 4,592'. NU BOP'S, RU 2 7/8" TBG EQUIP. POOH W/ 2 7/8" PROD BHA, SEPARATING TBG GRADES. LAY DWN 20 JTS 2 7/8" J-55 8RD EUE TBG. NOTE: 4' X 2 7/8" PERF SUB (ON BTM OF PROD STRING) WAS PLUGGED OFF SOLID W/SAND & SCALE. HOLE IN TBG IN JT #210 @ 6,477'. PU BHA & 20 JTS 2 7/8" X 6.5# N-80 TBG. RIH W/ 2 7/8" PROD BHA (211 JTS) RD FLOOR. ND BOP'S. SET 7" X 23# TAC @ 4,578' W/8,000# TEN, +45 SN @ 6,499'. EOT - 6,534' NU WH, XO EQUIP TO RODS. SWI, SDFD.

4/10/99 SICP - 80#, SITP - 0#, DUMP 30 GAL SCALE INHIBITOR DWN TBG. FLUSH W/40 BBLs 2% KCL. PU 2 1/2" X 1 1/2" X 17' RHAC PUMP. RIH W/10 - 7/8" RODS W/GUIDES, 70 - 3/4" RODS W/GUIDES, & 178 - 3/4" SLICK RODS. SPACE OUT W/2 - 2' & 1 - 4' PONY SUB. PU POLISH ROD & SEAT PUMP @6,499'. PRESS TEST PUMP TO 500# W/ 12 BBLs & 5 GALS CORR. INHIB. RU HORSE HEAD & HANG POLISH ROD OFF. START PUMP UNIT & PUT TO SALES. RACK UP EQUIP. & SDFDW.

4/13/99 CHECK WELL - O.K. FINAL REPORT - RDMO.
AFE# 0 LOE, 7200

06/03/99 CALL OUT CREW. ROAD RIG F/NBU # 6 mi SPOT RIG CAN'T RU HIGH WIND. SDFD

6/4/99 **BACK RODS OFF & SWAB DN TBG & POOH.** FCP - 270#, TP - 0#. RU, PU & HANG OFF POLISH ROD. RD HORSE HEAD. PU ON POLISH ROD, UNABLE TO FREE PUMP. PUMP 50 BBLs 2% DWN CSG @ 275 DEGREES. JAR ON PUMP. NO MOVEMENT. RU ROD EQUIP & BACK RODS OFF @ 2,200'. POOH W/29 - 3/4" RODS. CHG OVER TO TBG EQUIP & NE WH. PU & RELEASE TAC @ 4,578'. WO BOP'S & PUMP TANK. RU & SWAB TBG DN NU BOPS & RU FLOOR & TBG EQUIP. POOH W 2 7/8 TBG TAC DRAG TURN TAC TO RIGHT @ 2539' & 2408' EOT @ 4366'. SWIFN. TC:\$6,360

06/05/99 **PU 6 1/8 MILL & RIH W 2 7/8 TBG.** FCP-300 PSI SITP-200PSI BLOW WELL DN. LD 1 JT 2 7/8 TBG. BACK OFF RODS & POOH W 122 3/4" RODS. POOH W 2 7/8 TBG. PUMP 30 BBL. DN CSG. TAC DRAGING TURN TBG TO RIGHT. LD TAC SCALED UP & STILL IN SET POSITION. CONTINUE STRIPPING & POOH W/TBG & RODS. HAD 93' OF SCALE & SD UP TBG. PULL PUMP OUT SN W/SCALE & SD. BTM JT & PERF SUB CLEAN. LD 8 JTS TBG. W/SCALE & 8-7/8" RODS & 12-3/4" RODS. SWIFN. TC: 10,443

06/06/99 **RIH W 2 7/8 TBG & TAG FILL (MONDAY).** FCP-300 PSI BLOW WELL DN. WASH OFF TBG EQUIP & FLOOR PU 6 1/8 USED MILL & RIH W 2 7/8 TBG. TAG SD @ 6690'. RU SWIVEL & AIR FOAM UNIT. B/CIRC W/AIR FOAM. CO SD & SCALE F/6690' TO 6801' PBTD. CIRC HOLE CLEAN. PUMP 10 BBL DN TBG. RD SWIVEL & POOH W 2 7/8 TBG. & MILL F/ ABOVE PERF. EOT @ 4642'. SWIFD & UNTIL MONDAY MORNING. TC: \$16,969

06/08/99 **PU RHAC PUMP & RIH W/7/8" & 3/4" RODS.** SICP-600 PSI SICP-800 PSI BLOW WELL DN. PUMP 15 BBL 2% DN TBG. RIH W /TBG & MILL. TAG SD @ 6771' 30' FILL. RU SWIVEL B/CIRC W/AIR FOAM. CO SD F/6771 TO 6801 PBTD. CIRC HOLE CLEAN. PUMP 5 BBL 2% DN TBG. RD SWIVEL & POOH W /2 STDS. WAIT 1 HR. RIH W/TBG TAG FILL @ 6798'. POOH W 2 7/8 TBG. & LD MILL. PUMP 21 GAL SCALE INH & 40 BBL 2% KCL. PU BULL PLUG, PERF SUB, 1 JT, PSN. RIH W 2 7/8 TBG. PU 7" TAC F/RIH W 2 7/8 TBG. TAG FILL @ 6797'. LD 2 JTS. RD FLOOR & TBG EQUIP ND BOPS & SET TAC @ 4577' W/10,000# TENSION. PU HANGER LAND W/281 JTS 6.5 2 7/8 N-80 & J-55 TBG. EOT @ 6756' & SN @ 6721'. CHG OVER ROD EQUIP. SWIFN. TC: \$23,433

06/09/99 **RIH W/ ROD PMP.** SICP=600#, SITP=590#. BLOW WELL DN. PMP 30 BBL 2% KCL DN TBG, DUMP 5 GAL SCALE INHIB. DN TBG. PU 2 1/2" X 1 1/2" X 16' TRICO PMP W/ ON-OFF TOOL RIH PU 10, 7/8" EL W/G RODS. RETORQUE ALL RODS BREAKS. STACKED PMP OUT @ 5850'. POOH W/ PUMP. RIH W 2.31" O.D. TBG BROACH ON SAND LINE. TAG @ 5850' BROACH TO 5923' (63'). QUIT MAKING HOLE WAIT ON ACID. MIRU H-S PMP 10 BBL 15% HCL, FLUSH W/22 BBL 2% KCL 1 BPM @ 5 PSI. RDMO H-S SWI, SDFD. CC: \$31,446

6/10/99 **RIH W/ RODS.** SICP=400#, SITP= 50#. BLOW DN TBG. & PUT CSG ON GAS SALES. RU SWAB EQUIP, RIH W 2.31" BROACH TO SN @ 6721'. TBG IS CLEAN. START SWABBING: IFL @ 3500', PULL F/5600', MADE 9 RUNS REC 19 BBL WTR (BLACK), PH=7, FFL @3100'. TEARING UP SWAB CUPS EVERY RUN. TBG I.D. IS ROUGH. HUNG UP @ 3300' POOH W/SWAB. PULLED OUT OF ROPE SOCKET. NDWH, NU BOP, RU 2 7/8" TBG. EQUIP. RLS 7" TAC @ 4577'. RIH TAG FILL @ 6762' (PBTD @ 6801') 39' FILL. THE EOT WAS @ 6756', (6' ABOVE FILL) POOH W 2 7/8" PROD BHA. WITH STUCK SWAB SINKER BARS. RIH W/N-C (HAS 1" ROD THRU THE MIDDLE) 1 JT 2 3/8" TBG +45 SN, TAG FILL @ 6762', LD 3 JTS 2 3/8" TBG. EOT @ 6683' 216 JTS ABOVE SN @ 6652'. ND BOP, NU WH. SWI, SDFD. SCHEMATIC (SEE WELL FILE) CC: \$33,798

6/11/99 FCP-270 PSI SITP-100 BLOW WELL DOWN. W.O. 2% KCL H2O. PUMP 270 BBL 2% KCL DN CSG W/NO RETURNS F/TRY CIRC ACID OUT. RIH W/7/8" & 3/4" RODS. RUN 10-7/8" GUIDED, 80- 3/4" GUIDED & 174-3/4" SLICK RODS. 1-2' 3/4" PONEY SUB. PU 11/2" X 22'

POLISH ROD. HANG ROD OFF ON PLOISH CLAMP. RD HALF MAST & WO HIGH WINDS.
F/RD & MO TWS # 1 pu SWIFD & WO AFE. CC: \$36,789

AFF# 28625

7/20/99 **BLOW DOWN POOH W/RDS & LD TBG** MIRU RIG & EQUIP, SDFD. TC: \$4,156

7/21/99 **POOH & RATTLE TBG.** SITP - 1,250#, FCP - 250#. BLOW WELL DWN. PU & LD POLISH ROD & ROD SUBS, POOH & LD RODS IN DOUBLES. PUMP 15 BBLS 2% KCL DWN TBG TO KILL. ND WH, NU BOP'S. RU FLOOR & EQUIP. XO TO 2 7/8" EQUIP. PU & LD TBG HANGER. POOH. LD 2 7/8" TBG ON PIPE RACKS TO RATTLE TBG WHILE POOH. SWI, SDFN. (NO EXCESS SCALE IN TBG.) TC:\$10,611

7/22/99 **FINISH RIH W 2 7/8" TBG, NU WH.** SICP 450 PSI. BLEW WELL DOWN PU 6 1/8 DRAG BIT, 7" CSG SCRAPER, CROSS OVER & 2 7/8 TBG TO 2800', PUMP 15 BBLS 2 % KCL WT. DW TBG TO KILL WELL FIHISH PU. TBG TO 6255', 202 JTS. WORKED SCRAPER FROM 6200' TO 6255' SEVERAL PASSES. CASING CLEAN. LD 17 JTS 2 7/8" TBG. POOH W/185 JTS TBG, LD SCRAPER & BIT. MIRU CUTTERS WL. PU RIH W/ 7" CIBP. SET CIBP @ 6220'. CORILATED TO CBL LOG RUN 4/22/97. POOH RD CUTTER WL. PU RIH W 2 7/8" NOTCHED COLLAR, 1 JT. 2 7/8" TBG, 2 7/8" + 45 SEAT NIPPLE, 43 JTS. 2 7/8" TBG, ARROW 7" TAC. 93 JTS 2 7/8" TBG TO: EOT @ 4247'. SIW. SDFD. TC:\$16,596

7/23/99 **SWABBING.** SITP - 50#, SICP - 20#. BLOW WELL DWN. FIN RIH W/2 7/8" TBG. PU TBG HANGER & LAND W/185 JTS TBG. LAND W/EOT @ 5,734', SN @ 5,703'. 7" TAC @ 4,370'. NOT SET. ND BOP'S, RU SWAB. IFL - 2,100'. SWAB 24 RUNS, REC 221 BBLS. WTR. RD SWAB. SWI, SDFN. TC:\$20,184
(WELL SCHEMATIC - SEE WELL FILE).

7/24/99 **SWABBING.** IFL - 3,000'. REC 178 BBLS. SICP - 360# TO 550#. TC:\$23,305

7/25/99 **SWABBING.** SICP - 700#. FL - 2,800'. REC 10 BBLS. TC:\$24,399

7/26/99 **WELL SHUT IN - WAITING ON ORDERS.**

7/27/99 **RIH W/PUMP & RODS.**
SWAB. IFL - 2,800'. SICP - 800#. SITP - 0#. SWABBED & FLOWED 7 HRS W/16 RUNS & REC 135 BBLS. FFL - 4,200'. TC: \$31,216

7/28/99 **PLACED ON PROD.**
SICP - 800#, SITP - 0#. BLOW WELL DWN. ND WH, NU BOP'S. RU 2 7/8" EQUIP. EOT - 5,734'. POOH W/2 7/8" TBG. RIH W/2 7/8" BHA ASSEMBLY. SET 7" TAC @ 4,555' W/8,000# TENSION. SN @ 5,891'. EOT - 6,017'. ND BOP'S, NU WH. RU ROD EQUIP. RIH W/1 1/2" PUMP. PU RODS & RIH. SEATED PUMP @ 5,981'. FILLED TBG W/12 BBLS 2% KCL & STROKE TESTED TO 500#. PLACED ON PRODUCTION @ 6:00 P.M.

SCHEMATIC (SEE WELL FILE)MIRU LAY DN RODS. LAY DN TBG & RATTLE IT W/STRICKER RIH & SET CIBP @ 6220'. ISLOLATE THE MESA VERDA ZONES RIH W/ TBG & TRY TO SWAB DN F/PLUNGER LIFT ASSEMBLY RIH W 2 7/8" PROD BHA, & 2 1/2" X 1 1/2" TRICO PMP. PROD THE WASATCH ZONES.
WASATCH : 4652'-56', 4667'-72', 4709'-18', 4927'-28', 5752'-62'. MESA VERDE: 6254'-58, 6268'-72', 6292'-96',6310'-12',6478'-79',6490'-94',6506'-10', 6525'-28',6704'-05', 6716'-20'

7/29/99 SICP=225#. WELL PUMPING OK. RIG DN RIG & EQUIP. ROAD RIG TO NBU # 268
LAST REPORT TC: \$31,816
PUMPING - 35 MCF, 90 BW, CP - 284#, 64/64 CK. LP - 280#. 24 HRS

8/13/99 **FINAL REPORT**

Well name:	1299 Coastal NBU #222 (deepen)	
Operator:	Coastal	Project ID:
String type:	Production	43-047-32509
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 209 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,690 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.545 psi/ft
Calculated BHP 5,236 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 8,093 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	9600	4.5	11.60	P-110	LT&C	9600	9600	3.875	58867
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5236	7580	1.45	5236	10694	2.04	94	279	2.97 J

Prepared RJK
by: Utah Dept. of Natural Resources

Date: December 9, 1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: 1) NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 9600 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:		1299 Coastal NBU #222 (deepen)	
Operator:	Coastal	Project ID:	43-047-32509
String type:	Production		
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 10.500 ppg
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Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

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H2S considered? No
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Temperature gradient: 1.40 °F/100ft
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Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 8,093 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	9600	4.5	11.60	L-80	LT&C	9600	9600	3.875	56609
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5236	6350	1.21	5236	7780	1.49	94	212	2.26 J

Prepared RJK
by: Utah Dept. of Natural Resources

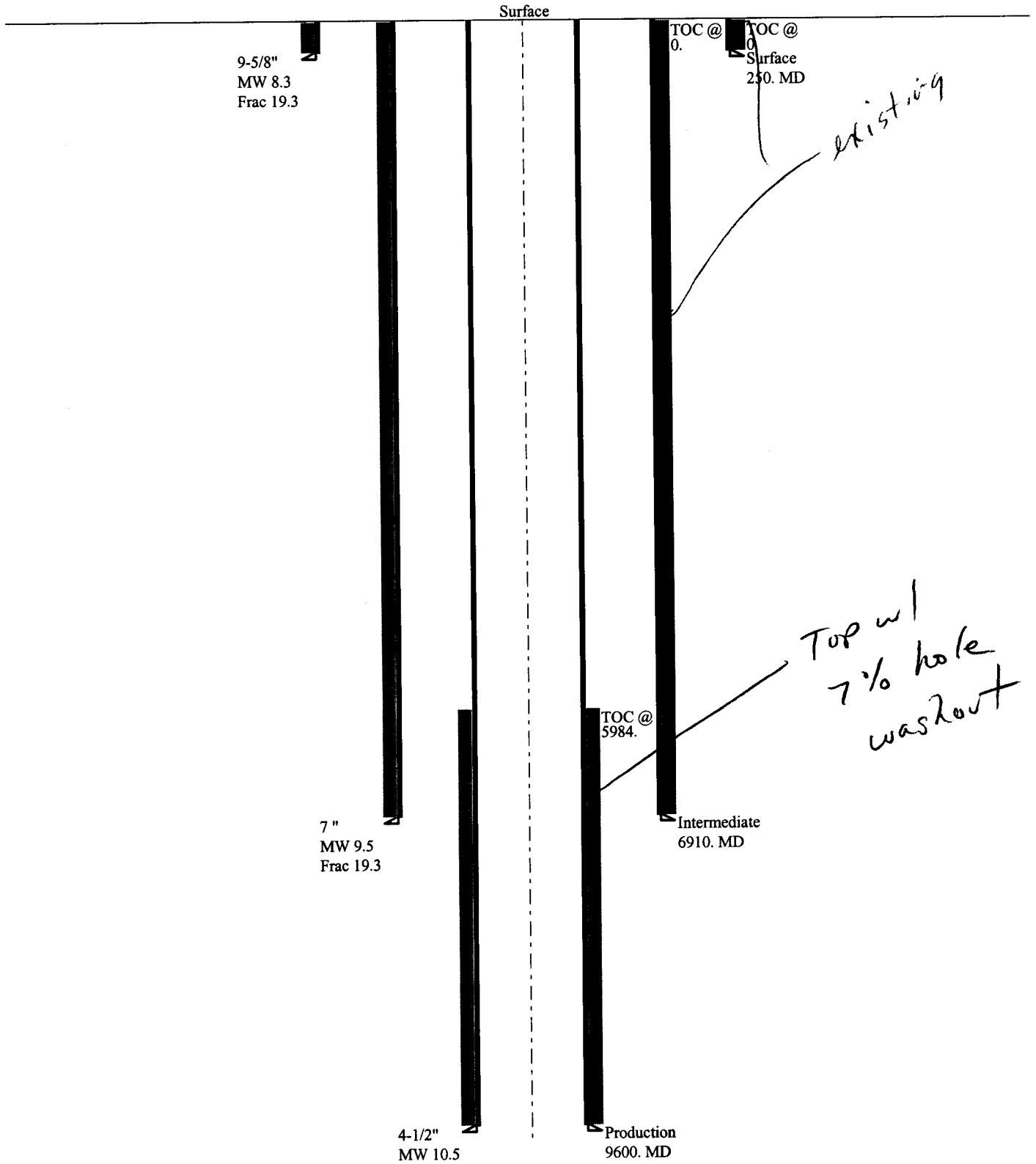
Date: December 9,1999
Salt Lake City, Utah

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Collapse is based on a vertical depth of 9600 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

1299 Coastal NBU #222 (dec 2011)
Casing Schematic



TOTAL P.02

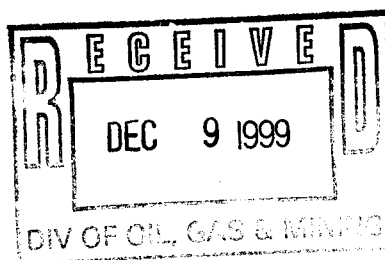


Sent by fax to: (801) 359-3940

December 9, 1999

State of Utah
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 12010
Salt Lake City, UT 84180

Attention Ms. Lisha Cordova



RE: NBU 222
SWNE Section 11, T10S-R22E
Uintah County, Utah

Dear Ms. Cordova:

The staked location for the NBU 222 well to be drilled in the SWNE Section 11, T10S-R22E, Uintah County, Utah, is 1,667 feet from the north line and 2,602 feet from the east line of Section 11, Township 10 South, Range 22 East, S.L.M., Uintah County, Utah. This location is not within 460 feet of any lands which are not committed to the Natural Buttes Unit, nor is it located within 460 feet from the boundary of the Unit.

We respectfully request that the above stated location be approved for drilling by the Division of Oil, Gas & Mining.

Very truly yours,

Donald H. Spicer
Senior Landman

cc: Cheryl Cameron

COASTAL OIL & GAS CORPORATION

A SUBSIDIARY OF THE COASTAL CORPORATION
COASTAL TOWER - NINE GREENWAY PLAZA - HOUSTON TX 77046-0995 • 713/877-1400

COASTAL OIL & GAS CORPORATION

COASTAL OIL & GAS CORPORATION

COASTAL OIL & GAS CORPORATION

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/12/1999

API NO. ASSIGNED: 43-047-32509

WELL NAME: NBU 222
OPERATOR: COASTAL OIL & GAS CORP (N0230)
CONTACT: Cheryl Cameron (435) 781-7023

PROPOSED LOCATION:
SWNE 11 - T10S - R22E
SURFACE: 1667-FNL-2602-FEL
BOTTOM: 1667-FNL-2602-FEL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA
LEASE NUMBER: U-01194-A-ST
SURFACE OWNER: State

INSPECT LOCATN BY: / /

TECH REVIEW	Initials	Date
Engineering	<i>PTC</i>	12-9-99
Geology		
Surface		

PROPOSED FORMATION: CSLGT

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta ☒ Fee[]
(No. 102103)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit Natural Buttes
☐ R649-3-2. General
Siting: _____
☒ ~~R649-3-3. Exception~~
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460 to Unit Boundary & Uncomm. Lands
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER: CONFIDENTIAL

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 1667' FNL & 2602' FEL

QQ, Sec., T., R., M.: SW/NE Sec. 11, T10S, R22E

5. Lease Designation and Serial Number

Fee

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat

Natural Buttes

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Confidential Status</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests that the subject well be placed on Confidential Status.

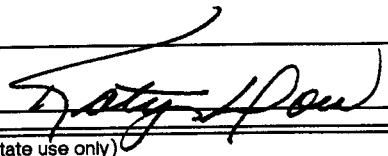
RECEIVED

DEC 23 1999

DIVISION OF OIL, GAS & MINING

13.

Name & Signature



Title Katy Dow
Environmental Jr. Analyst

Date 12/20/99

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>Repair</u> b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Squeeze MV & Wasatch</u>						5. LEASE DESIGNATION AND SERIAL NO. U-01194-A-ST	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 1148, Vernal UT 84078 (435)781-7023						8. FARM OR LEASE NAME NBU #222	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface SW/NE At top prod. interval reported below 1667' FNL & 2602' FEL At total depth						9. WELL NO. 43-047-32509	
14. API NO. 43-047-32509						10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
DATE ISSUED 4/28/94						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T10S, R22E	
15. DATE SPUDDED 8/3/94						12. COUNTY Uintah	
16. DATE T.D. REACHED 9/29/94						13. STATE UT	
17. DATE COMPL. (Ready to prod. or Plug & Abd.) 7/29/99						18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5034' GR	
19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 6900'		21. PLUG, BACK T.D., MD & TVD 6852'		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) N/A						25. WAS DIRECTIONAL SURVEY MADE N/A	
26. TYPE ELECTRIC AND OTHER LOGS RUN N/A						27. Was Well Cored YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9 5/8"	36#	247'	12 1/4"	140 sx Type V Prem			
7"	23#	6900'	11"	1950 sx 50/50 Poz w/2% Gel			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) N/A							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
N/A							
33. PRODUCTION							
DATE FIRST PRODUCTION 7/29/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping - 2 1/2 by 1 1/2 Trico pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/29/99	HOURS TESTED 24	CHOKE SIZE 64/64	PROD'N. FOR TEST PERIOD →	OIL - BBL. -	GAS - MCF. 35	WATER - BBL. 90	GAS - OIL RATIO -
FLOW. TUBING PRESS. -	CASING PRESSURE 284#	CALCULATED 24-HOUR RATE →	OIL - BBL. -	GAS - MCF. 35	WATER - BBL. 90	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Used for Fuel						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS None							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Katy Dow</u>				TITLE <u>Environmental Jr. Analyst</u>			

See Spaces for Additional Data on Reverse Side

RECEIVED

JAN 21 2000

DIVISION OF
OIL, GAS AND MINING
DATE 1/17/00

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.	38. GEOLOGIC MARKERS		
				Name	Meas. Depth	True Vert. Depth
		12/17/99	Squeeze off Mesaverde & Wasatch			
		12/18/99	<p>CMT SQUEEZE PERF'S. SICP & SITP = 400#. BLOW WELL DN. MIRU WEATHERFORD AIR FOAM UNIT. EOT @ 4635'. RIH TAG 7" CIBP @ 6220'. RU DRUG EQUIP. BRK CIRC MILL ON 7" CIBP @ 6220'. 80 RPM. 4-6000# WT. FELL THRU PLUG. RIH TO 6745'. BP @ 6720'. NO FILL WELL IS FLOWING FULL 2" STREAM WTR @ 100#. POOH W/ 6 1/4" MILL. DRAIN PUMP & LINES SWI, SDFD. (DAY 4) TC: \$26,632</p> <p>TAG CMT TOP. SICP=1300#. BLOW WELL DN. PMP 70 BBL 2% KCL DN CSG RD FLOOR. CHANGE OUT BOPS, RU FLOOR & TBG EQUIP. RIH W/ 2 7/8" TBG. OPEN ENDED. KILL WELL AS NEEDED. MIRU HALLIBURTON TO SQUEEZE OFF MESAVARDE & WASACHPERF'S F/4652'-6720'. 2068' INTERVAL. FILL CSG W/ 250 BBL 2% KCL. PMP 500 SKS CLASS "G" CMT. 1.15 YIELD. 1% HR5 @ 15.8 PP 3BPM @ 290# (102.4 BBL'S CMT) @ 4134'. EST CMT TOP. N/A. POOH W/ 88 JTS 2 7/8" TBG. EOT @ 4008' REV CIRC W/ 50 BBL 2% KCL. DRAIN UP. SWI, SDFD. EOT @ 4008' (DAY 5) TC: \$30,267</p>			
		12/19/99	<p>RDNO 12/20/99. SICP = 175#. SITP = 150#. BLOW WELL DN. EOT @ 4008'. RIH & TAG CMT @ 4383'. (269' ABOVE TOP PERF @ 4652'). RU & REV CIRC W/ 30 BBL 2% KCL. TEST 500#, F/15 MIN. OK. POOH LAYING DN TBG. LD 193 JTS 2 7/8" TBG & BHA RD FLOOR & EQUIP. ND BOP, BU BLANKING COMPANION FLANGE ON THE TBG HEAD. HIGH WIND. CAN'T RIG DN RIG. SDFD. (DAY 6) TC: \$34,976</p>			
		12/21/99	<p>WELL IS PREP'D F/ DRUG RIG. RIG ND RIG. LOAD OUT EQUIP. ROAD RIG & EQUIP TO THE NBU #18. FINAL REPORT. (DAY 7) TC: \$36,013</p>			
		12/20/99	FINAL REPORT			

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PRODUCTION REPORTS

CHRONOLOGICAL HISTORY

NBU #222

Page 1

SECTION 11-T10S-R22E

Natural Buttes Field

Uintah County, UT

WI: 100% COGC AFE: 14687 27405 & 28105 & 28625 & 29056

TD: 6900' PBTD: 6852'

Csg: 7" 23# @ 6896'

Perfs: 4652'-6720'

CWC(M\$):

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Mesaverde Completion

04/23/97 **WO completion.** Clean & level location. Set anchors. MIRU Cutters WLS. Ran GR-CCL-CBL from WL - TD @ 6801' to 1100' w/1000 psi on csg. Good cmt bond from TD to TOC @ 1400'. RD WL. Press test csg & WH to 5000 psi. OK. SDFN
DC: \$6,950 TC: \$6,950

04/28/97 **Prep to re-cmt 9 5/8"-7" csg annulus.** MIRU BJ Serv. Cmt 9 5/8"-7" csg annulus w/20 bbls LCM pill, 55 sx super "G" + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake + 2% CaCl₂ & 150 sx super "G" + 7% FL-52 + 2% CaCl₂. Max press 20 psi, strong vac @ end of job.
DC: \$6,720 TC: \$13,670

04/30/97 **WO Completion.** RU BJ Serv. Cmt 9 5/8"-7" csg annulus w/55 sx Super "G" + CaCl₂ + 7% FL 52 + 3#/sk Kol-seal + 1/4/sk Cello-Flake. Max press 160 psi @ end of job. SI w/100 psi on csg. RDMO BJ.
DC: \$5,060 TC: \$18,730

Mesaverde Completion

05/11/97 **SD till Monday.** MIRU Colorado Well Service Rig #70.
DC: \$1,150 TC: \$1,150

05/13/97 **Prep for acid & break dn.** PU 2 7/8" tbg, tag @ 6848'. RU hard line & displ hole w/3% KCl filtered wtr 268 bbls. LD 2 jts. SDFN
DC: \$9,283 TC: \$10,433

05/14/97 **Prep to pmp acid.** WO Dowell. Showed up @ 11 AM, too late to start job. RU. SDFN
DC: \$5,486 TC: \$15,919

05/15/97 **Swab well clean.** SICP 0 psi, SITP 0 psi. RU Dowell. Spot 1107 gals 15% HCl acid w/additives from 6300' to 6750'. POOH w/ 2 7/8" tbg. RU Cutters Wireline Serv. Perf w/4" csg gun, 2 JSPF @ 120% phasing from 6478'-6479', 6490'-6494', 6506'-6510', 6526'-6528', 6704'-6705', 6716'-6720'. FL @ 400', NO press change. RD Cutters WL Serv. RIH w/NC, 1 jt 2 7/8" tbg @ 6013' w/blast jt @ surface. ND BOP, NU WH. RU Dowell. Breakdown perfs (6478'-6720') w/1099 gals 15% HCl acid w/additives and 75 ball sealers (1.3 SG) evenly spread ball out. Max/Avg R=10/9.7 BPM, Max/Avg P=4970/4530 psi, Final 4570 psi. ISIP 2560 psi, 5/10/15=1666/1648/1630 psi. Open well to flow back to clean up TP 1600 psi, CP 100 psi. Need to recover 163 total bbls. Blew for 2 hrs, rec 10 bbls. Ran swab, FL @ 400'. Made 7 runs, rec 38 bbls, FFL @ 3000'. 431 BLW pmpd, rec 48 BLW, 383 BLWTR.
DC: \$11,481 TC: \$27,400

05/16/97 **Swab & flow well to clean up.** SICP 350 psi, SITP 1050 psi. Well blow down immediately. Ran swab found FL @ 700'. Made 7 total swabs, rec approx 49 bbls, FFL @ 2000', CP @ 75 psi, TP 0 psi, PH @ 1. RD Rig #70. MIRU Delsco swabbing serv. SICP 550 psi, SITP 325 psi. Well blew down for 40 mins-died. Ran swab FL @ 2000', made 15 runs, FFL @ 2300', rec 120 bbls. Total load 431, Total rec 168, 263 BLWTR
DC: \$22,610 TC: \$50,010

05/17/97 ITP 975 psi, ICP 1200 psi. Blew down in 10 min, tag fluid @ 2300'. Made 4 swab runs, swab 25 bbls. Kick well off. Flowed 20 more, then dried up. Watch until 4 PM, TP 50, CP 300 on 20" chk. Rec 45 bbls, 218 BLTR.
DC: \$1,275 TC: \$51,285

05/18/97 **Flowing to pit.** ITP 40 psi, ICP 590 psi. Pulled chk, ran in with swab. Pulled 3000' gas cut, fluid pulled 6 bbls. Misted for 30 min, dried up install 20" chk. Flowing TP 300 psi, cp 500 psi. Sent swabber in. Rec 6 BLW, 212 BLWTR.
DC: \$801 TC: \$52,086

05/19-20/97 SI - WO frac.

05/21/97 **Prep to frac 2nd Stage -** MIRU Dowell frac equip. Frac perfs 6478'-6720' w/74,800 gal WF125 + 169,000# 20/40 sd. Flush w/15 bbls 15% HCl + 186.7 bbls WF120, Avg IR 25 BPM @ 2300 psi. RU Cutters WLS. RIH w/2 1/8" gun, could not get below 2950±. POOH w/gun. Circ 40 BW down tbg. RIH & perf 6254'-58', 6268'-72', 6292'-96' & 6310'-12', 2 SPF w/ 2 1/8" tbg gun. No press change after perf. Pmpd 1983 BLW, rec 0 BLW, 2195 BLWTR. SDFN

DC: \$5,040

TC: \$54,357

05/22/97

Flow tstg well. RU Dowell, pre-job Safety Meeting. Press tst lines to 6000 psi. Spearhead Stage #2 w/1260 gals w/ 15% HCl in front of pad. Breakdown perfs & frac w/128,680# 20/40 sd.1 ppg - 21 BPM, CP 2578 psi, TP 2384 psi

2 ppg - 21 BPM, CP 2522 psi, TP 2384 psi

3 ppg - 21 BPM, CP 2384 psi, TP 2400 psi

4 ppg - 21 BPM, CP 2219 psi, TP 2443 psi

5 ppg - 21 BPM, CP 2163 psi, TP 2498 psi

10 ppg - 21 BPM, CP 2094 psi, TP 2530 psi

Start flush @ 21 BPM, CP 2069 psi, TP 2530 psi, ISIP @ 2370 psi, 20 min 2035 psi. Max/Avg P=2637/2200 psi, Max Rate @ 21 BPM throughout frac. Flow back well @ 11:30 AM w/ 18/64" chk for 1 hr. TP @ 1800 psi. Flow tstg well. Total 3576 BLWTR, prmp 1381 BLW.

TIME	CP	TP	CHK	BWPH	SAND
11:30 AM	1300	1400	18/64"		LT
12:30 PM	1300	1400	20/64"	89	LT
1:30	1200	1150	20/64"	88	LT
2:30	900	900	20/64"	48	LT
3:30	720	720	18/64"	32	LT
4:30	520	580	18/64"	16	LT
5:30	500	500	18/64"	64	LT
6:30	400	380	18/64"	48	LT
7:30	300	300	18/64"	40	LT
8:30	240	240	18/64"	36	LT
9:30	200	200	18/64"	36	LT
10:30	160	160	18/64"	44	LT
11:30	140	140	18/64"	40	LT
12:30 AM	140	140	18/64"	40	LT
1:30	140	120	18/64"	38	LT
2:30	120	120	18/64"	36	LT
3:30	100	100	18/64"	34	LT
4:30	100	100	18/64"	32	LT
5:30	80	80	18/64"	24	LT
6:30	70	70	18/64"	24	LT

Total 809 BLW, BLWTR 2767 - gas rate 125 MCFPD @ report time.

DC: \$105,875

TC: \$160,232

05/23/97

TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	0	5	18/64"	5	NON
10:00	0	3	NC	5	NON
11:00	0	3	NC	5	NON
12:00 AM	0	0	NC	3	NON
1:00	0	0	NC	3	NON
2:00	0	0	NC	3	NON
3:00	0	0	NC	3	NON
4:00	0	0	NC	3	NON
5:00	0	0	NC	2	NON
6:00	0	0	NC	2	NON

Total 34 BLW, BLWTR 2733

DC: \$1,300

TC: \$161,532

05/24/97

Flow back. RU Delsco & run @ TD. WL TD @ 6542' perf. Covered 6704'-6708', 6716'-6720'. MIRU Delsco. TP 0 psi, CP 50 psi. Well flowing 3-5 BPH. Made 10 swab runs, rec 140 bbls, IFL 200', FFL. Blow to pit on 45/64" chk for 1½ hrs. Put to tank on 18/64" chk. Flowed & swab back, total 160 BLW. Total rec 300 BLW, 2433 BLWTR.

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TIME	CP	TP	CHK	BWPH	SAND
9:00 PM	400	0	48/64"	0	NON
10:00	500	0	48/64"	0	NON
11:00	520	200	48/64"	5	NON
12:00 AM	600	0	30/64"	0	NON
1:00	700	0	30/64"	0	NON
2:00	725	50	30/64"	0	NON
3:00	750	50	18/64"	5	NON
4:00	775	75	18/64"	5	NON
5:00	800	75	18/64"	5	NON
6:00	825	100	18/64"	5	NON
Total rec 410 bbls, total 2023 BLWTR - gas rate 150 MCFPD.					
DC: \$1,300					

TC: \$162,832

05/25/97

TIME	CP	TP	CHK	BWPH	SAND
11:00 AM	950	140	30/64"	5	NON
4:00	1300	140	30/64"	5	NON
6:00	1350	100	20/64"	5	NON
7:00	1350	100	20/64"	5	NON
8:00	1350	100	20/64"	5	NON
9:00	1350	100	20/64"	5	NON
10:00	1350	100	20/64"	5	NON
11:00	1400	100	20/64"	5	NON
12:00 AM	1400	100	20/64"	5	NON
1:00	1450	100	20/64"	5	NON
2:00	1500	350	20/64"	30	NON
3:00	1525	700	20/64"	30	NON
4:00	1400	600	20/64"	30	NON
5:00	1200	550	20/64"	30	NON
6:00	1150	450	20/64"	30	NON
Total 280 BLW, BLWTR 1753 - gas rate 750 MCFPD.					
DC: \$1,300					

TC: \$164,132

05/26/97

TIME	CP	TP	CHK	BWPH	SAND
10:30 AM	1000	450	20/64"	4	NON
11:30	950	450	20/64"	4	NON
12:30 PM	960	450	20/64"	1	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON
7:00	900	475	20/64"	10	NON
8:00	900	475	20/64"	10	NON
9:00	900	475	20/64"	10	NON
10:00	900	475	20/64"	10	NON
11:00	900	475	20/64"	10	NON
12:00 AM	900	475	20/64"	10	NON
1:00	900	475	20/64"	10	NON
2:00	900	475	20/64"	10	NON
3:00	900	475	20/64"	10	NON
4:00	900	475	20/64"	10	NON
5:00	900	475	20/64"	10	NON
6:00	900	475	20/64"	10	NON
Total 160 BLW, BLWTR 1583 - gas rate 750 MCFPD.					
DC: \$1,300					

TC: \$165,432

05/27/97

TIME	CP	TP	CHK	BWPH	SAND
4:00 PM	825	330	20/64"	4	NON
6:30 AM	770	300	20/64"	2	NON
Total 94 BLW, BLWTR 1499 - gas rate 600 MCFPD.					
DC: \$1,300					

TC: \$166,732

05/28/97

Flowing 700 MCF, 0 BW, 1810 TP, 1825 CP, on 10/64" chk. On @ 10:30 AM.

05/29/97

Flowing 276 MCF, 10 BW, 1050 TP, 1575 CP, on 10/64" chk. Chk to 14. Completed surface installation.
DC: \$68,888

TC: \$235,620

05/30/97

Flowing 476 MCF, 80 BC, 80 BW, 400 TP, 950 CP, on 14/64" chk. Chk to 16

05/31/97

Flowing 476 MCF, 31 BC, 123 BW, 400 TP, 780 CP, on 16/64" chk.

06/01/97

Flowing 421 MCF, 25 BC, 45 BW, 370 TP, 750 CP, on 16/64" chk. Chk to 20

06/02/97

Flowing 420 MCF, 45 BC, 60 BW, 375 TP, 725 CP, on 20/64" chk. Chk to 30

06/03/97

Flowing 413 MCF, 20 BC, 300 TP, 690 CP, on 20/64" chk.

06/04/97

Flowing 388 MCF, 32 BC, 33 BW, 375 TP, 725 CP, on 30/64" chk.

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06/05/97 Flowing 386 MCF, 20 BC, 10 BW, 280 TP, 725 CP, on 30/64" chk. Prior production: Well SI, WO Completion. **Final Report**

CLEAN OUT & LWR TBG

08/09/97 **CO frac sd, lwr tbg.** CWC: \$4,608
MIRU. Left well on prod.

08/10/97 **ND BOPs. NU tree. Prep to swb.**
Kill well w/25 BBLS 2% KCl. ND tree. NU BOPs. PU & RIH w/16 jts 2 7/8" tbg. Tag @ 6495'. PU pwr swivel, circ. Add 10 bags Benzoic Flakes. Wash & CO to 6801'. Circ hole cln. RD swivel. POOH. LD 10 jts tbg. Add 10 blast jts. Land in hgr. SDFN. CWC: \$ 11,560

08/11/97 **Swb.** SICIP 0, SITP 0. RD floor & tbg equip. ND BOPs, NU WH. MIRU SU. IFL 800'. Swb 250 BF/24 runs. FFL 4000'. SDFN. CWC: \$14,599

08/12/97 **Well on prod.** SICIP 900#, SITP 150#. RU WU. Swb 60 BF/12 runs. IFL 3000'. RD. Put well on prod. Flwd 1000 MCFD, FTP 440#, FCP 895#, on a 20/64" chk.

08/13/97 Flwg 221 MCFD & 20 BWPD on a 30/64" chk, FTP 310#, FCP 950#, LP 310#.

8/15/97 Install Plunger lift equipment. TC: \$2360

RECOMPLETE WASATCH & MESAVERDE

11/17/97 **RIH w/2 7/8" tbg.** MIRU rig & equip. FTP 293#, SICIP 1050#. Bled off, pumped 45 bbls 2% KCL dwn csg & 10 bbls 2% KCL dwn tbg. N dn H NU BOP. PU & RIH w/2 7/8" tbg, tag @ 6801'. POOH w/2 7/8" tbg. RIH w/7" CIBP & setting tool & 2 7/8" tbg. EOT @ 2529'. SDFN. DC: \$9,594 TC: \$ 9,594

11/18/97 **Ck well & RD.** SITP 650#. SICIP 700#. Bled off. RIH w/2 7/8" tbg, well kicked. Pumped 30 bbls 2% KCL dwn csg & 15 bbls 2% KCL dwn tbg. Set CIBP @ 6380'. POOH w/EOT @ 6314', spot acid across MU perms f/6254' - 6312' w/20 bbls 2% KCL, 100 gals 7 1/2" HCL w/add. Flush w/36 bbls 2% KCL. LD 70 jts 2 7/8" tbg. POOH w/2 7/8" tbg & LD setting tool. RIH w/ 2 7/8" collar on btm of btm jt, 148 jts 2 7/8" tbg & blast jt. EOT @ 4583'. ND BOP & NU WH, RU swab, 2 hrs, 4 runs, 48 BW. PH-6, IFL 400, FFL 2900'. SDFN & SWI. DC: \$6,181 TC: \$16,722

11/19/97 **WO frac job.** STIP 75#, SICIP 50#. Bled off. RU swab, IFL 1100', FFL 4500' 3 1/2 hrs, 14 runs, 70 bbls wtr. PH 7, CP 10#. Swabbed dry, RD swab & drain lines. SWI SDFN. DC: \$4,887 TC: \$21,881

11/23/97 Rig shut down WO frac. Hauling water.

11/27-28/97 Shut down.

11/29/97 **Set CIBP, perf.** Finish rig up BJ Services. Held safety meeting. Test 5260, pump 20 bbl 2% to determine # holes open 3-9 and opening frac zone 6254-6312. All perms opened win acid hit frac w/87000# 20/40 sand & 743 bbls Viking 125. Avg rate 33.5 @ 3300 psi. Max rate 41 BPM @ 4500 psi. Frac gradient 957. Try to set plug in 10 min, 30 min rig up Cutters. RIH, tag sand @ 6237'. RIH, set CIBP in 2 7/8" tbg @ 4570'. Pull out, nipple down well head, nipple up 4570'. Pull out, nipple down well head, nipple up BOP & rig up snubbing unit. POOH. Flowing csg slow on 18" choke on the way out of hole. SIFN. DC: \$53,418 TC: \$78,504

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- 11/30/97 **Flow back after frac.** SICP 0, RD snubbing unit. NU frac valve, RU Cutters WLS. Set CIBP @ 6000', perf 1 spf w/ 4" csg gun 5752- 5762' (40 holes). SICP 0 before & after perf. RU BJ. Hold safety meeting. PT lines to 5200 psi. Brk dn perfs 4.5 BPM & 3140 psi to 27 bpm & 1200 psi. Frac (stage 2) w/11,300 gal Viking 126 & 40,100# 20/40 sd. Ramped 2-8 ppg. AIR 30.5 bpm & 1800 psi. MP 2500 psi. ISIP 2150 psi, 5 min 1860 psi. 10 min 1730 psi, 15 min 1690 psi. RU WL, set CIBP @ 5200'. Perf 1 spf w/4" csg gun 4652-56', 4667-72', 4709-18' & 4927-28' (total 22 holes). Brk dn perfs @ 5 bpm 4690 psi to 26 bpm & 2180 psi. Frac (stage 3) w/24,360 gal Viking 126 & 99,610# 20/40 sd. Ramped 2-6 ppg avg IR 28.6 bpm @ 1300 psi. MP 1900 psi, ISIP 1600 psi, 5 min 1480 psi, 10 min 1390 psi, 15 min 1280 psi, 30 min 1210 psi, RD BJ & Cutters. SICP 1100 psi. Start flwback on 20/64" choke. Flwback 100 mcf, 470 BW, FCP 75#, 18/64" ck, LLTR 1763 bbls.
DC: \$58,320 TC: \$ 140,323
- 12/1/97 **Flow back after frac.** FCP 76 psi, 18/64" choke, 20 BW/hr, no gas. Opened choke, pumped 15 bbls water, well pressured up, could not kill well. FCP 0, open choke, 86 BW/hr, no gas. FCP 0, open choke, 65 BW/hr, no gas. FCP 0, open choke, 74 BW/hr, no gas. FCP 0, open choke, 52 BW/hr sli gas cut. FCP 10 psi, open choke, 25 BW/hr, v hvy gas cut. Change choke to 20/64". FCP 200 psi. Flowed overnight on 20/64" choke. Flowback 500 mcf, 300 BW, FTP 0, FCP 500#, 20/64" choke, LLTR 1463 bbls.
DC: \$6,430 TC: \$146,079
- 12/2/97 **Kill well & changout BOPs.** 600# SIP. Blow dn, RU pmp, pmpd 180 bbls 2% KCl. Could not kill well. NU BOPs, RU snubbing unit. RIH w/ 6-1/8" mill, pmp off sub. X/O to 2-3/8" SN, X/O to 2-7/8". 1 jt 2-7/8" tbg, 2-7/8" SN. Tag @ 5226'. RD snubbing unit. POOH w/2-7/8" tbg. EOT @ 4600', pipe rams on BOPs would not close. Left well w/ flowback crew. Left well flowing on 3/4" choke, w/ 2 lines to pit. Order out 10# brine to kill well in A.M. Land tbg & change out BOPs. SDFN.
DC: \$7,741 TC: \$154,284
- 12/3/97 **RIH & CO.** SITP 0, FCP 125# 64/64" choke. RU pmp & lines. Pmp 110 bbls 10# brine to kill well. Land tbg, NU BOPS & frac valve. NU BOPS, drain pmp & lines. SWI. SDFN.
DC: \$3,196 TC: \$157,671
- 12/4/97 **RIH & CO.** SICP 750#, SITP 600#. Bled off. Pumped 5 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg. Tag @ 5209. RU pwr swvl. Drl on CIBP f/5 1/2 hrs w/well flowing up csg @ 500# dwn to 250# on a 48/64" choke. RD pwr swvl. RIH w/2 7/8" tbg. Tag @ 5760. POOH w/2 7/8" tbg. EOT 4,600', SWI & drain pmp & lines.
DC: \$4,731 TC: \$162,686
- 12/5/97 **RIH, RU foam unit.** SICP 150 # SITP 700#. Bled off. RIH w 2 7/8 tbg, tag @ 5770. RU power swivel, clean out to 5785'. Well stopped flow up csg, broke circ w/80 bbls 2% KCL. Circ out sand. Losing a lot of fluid. RD power swivel. POOH w/2 7/8 tbg, 6 1/8 mill. Mill half worn out. RIH w/6 1/8 mill. Bit sub, pump off sub, 1 jt 2 7/8 tbg. EN nipple w/plug & 2 7/8 tbg. EOT 4600' drain pump & lines. SDFN.
DC: \$ 5,754 TC: \$168,785
- 12/6/97 **RIH & CO.** SITP 0, SICP 30#. RIH w/2 7/8" tbg. Tag sand @ 5763'. RU pwr swvl & air foam unit. Brk circ w/AF. CO to 5939' pushing old CIBP all the way. Blow clean, pump 10 bbls 2% KCL. POOH w/2 7/8" tbg. EOT @ 4667'. Drain pump & lines. SWI. SDFN.
DC: \$7,738 TC: \$176,987
- 12/7/97 **RIH w/tbg. F/CO. SD & drill CIBP.** SICP 1050 psi. Blowwell dn. RIH w/2 7/8 tbg. Tag sd @ 5924'. RU swivel & b/circ w/air foam. CO f/5924' to 6,000'. Drlg CIBP @ 6000'. Circ hole clean @ 6062'. Pump 10 bbls 2% KCL dn tbg. RD swivel & RIH w/2 7/8 tbg. Tag sd @ 6330'. POOH w/2 7/8 tbg f/above perf. EOT 4637' & SWIFN @ 5:30 PM.
DC: \$5,950 TC: \$183,294
- 12/8/97 **Blow well dn. F/CO sd. Drlg CIBP.** SICP 1300 psi. SITP 800 psi. Blow well dn. RIH w/51 jts 2 7/8 tbg. Tag sd @ 6322'. RU swivel & b/circ w/air foam. CO f/6322-6336'. Air foam unit out of fuel. PU off btm & rotate WO fuel & blade to blade hills. CO f/6333 to 6345' w/air foam & drlg on 2nd CIBP. Circ hole clean @ 5345'. Pump 10 bbls 2% KCL dn tbg. RD swivel & POOH w/2 7/8 tbg f/above perf. EOT @ 4637' SWIFN @ 5:30PM.
DC: \$7,809 TC: \$191,572
- 12/9/97 **RIH & CO.** SICP 1380#. SITP 900#. Blow dn. RIH w/2 7/8" tbg, tag sand & pieces of old BP @ 6518'. RU pwr swvl. String float break circ w/air foam unit. CO to 6380'. Tag CIBP. PU 10' sub drill on BP f/4 hrs. Push ahead to 6542'. Circ clean. RD pwr swvl. POOH w/2 7/8" tbg. EOT 4637' SWI. SDFN.
DC: \$ 7,965 TC: \$200,003
- 12/10/97 **RIH & CO.** SICP 1150# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6518'. RU pwr swvl & string float. Break circ w/air foam unit. CO to 8532'. Fan went thru the radiator on the pwr swvl. Order out another pwr swvl. RU new pwr swvl. CO to 6611'. Blow clean, RD pwr swvl. POOH w/ 2 7/8" tbg. EOT @ 4637'. SWI. SDFN.
DC: \$ 9,758 TC: \$210,346
- 12/11/97 **RIH & ck f/fill.** SICP 1050# SITP 700#. Blow dn. RIH w/2 7/8" tbg, tag @ 6546'. RU pwr swvl & string float. Break circ w/air foam unit. CO to PBTD @ 6801'. Blow clean f/2 hrs. RD pwr swvl & POOH w/2 /8" tbg. EOT @ 4637. SWI.
DC: \$7,458 TC: \$218,252

12/12/97 **RD rig & equip.** SITP 750# SICP 1000#. Blow dwn pmp 15 bbls 2% KCL dwn tbg. RIH w/2 7/8" tbg, tag @ 6731'.66' of fill. RU pwr swvl & string float. Brk circ w/air foam unit, CO to 6801'. Circ clean, RD pwr swvl. POOH & LD 10 jts 2 7/8" tbg. Land tbg w/EOT @ 6503'. XN nipple @ 6489'. RD. ND BOP, NU WH, RU Delsco. RIH & fish plug f/XN nipple. Just got top half of XN plug. Pmpd 10 bbls 2% KCL. Press up w/air foam unit to 1150#. Press dropped off. RD WLS & foam unit. NU flowline to pit, turn over to flwback crew. SDFN. Flwg 0 mcf, 5 BW, FTP 0#, FCP 1025#, 48/64" ck, LLTR 198 bbls.
DC: \$12,927 TC: \$231,955

12/13/97 **RIH w/2 7/8" CIBP & POOH w/2 7/8" tbg.** SICP 1050# , SITP 0#. RIH w/sinker bars & found that mill was not gone. POOH w/sinker bars. Pmp 60 bbls 2% KCL. Call out Cutters WLS. RU WLS, RIH w/radial cutter. Couldn't get past 6470' XN nipple. POOH & RIH w/sinker bars. Flw dn csg, press tried to knock plug out of tbg. No luck. POOH & SWIFN.
DC: \$7,155 TC: \$239,539

12/14/97 **Prep to land tbg & RD CUDD.** SICP 850#, SITP 600#. PU RIH w/2 7/8" CIBP on Cutters WL. Set plug @ 6468. POOH w/WL. RD Cutters. Blow down tbg & csg. ND WH, NU BOPs, RU floor & equip. POOH to 2500'. Well kicking. RU snubbing unit. Finish TOO. LD 1 jt w/CIBP. TIH w/1 NC, 1 jt tbg, 1-XN nipple & 209 jts tbg. SWIFN.
DC: \$10,972 TC: \$251,169

12/15/97 **RD GWS. MIRU Delsco.** SITP 0#, SICP 1100#. PU & land tbg @ 6503'. XN nipple 6569'. RD cudd. NDBOP, NU WH. Drop ball to release exp plug. Chase w/60 bbls 2% KCL water. Didn't see any press at all. RIH w/sinker bars. Tag at 6500' +/- . POOH. RU swab. IFL 900'. Made 14 swab runs, recovered 150 bbls. FFL 1900'. Csg press 1180 psi. Gas cut fluid on last three runs. SWI. SDFN. Drain flow lines.
DC: \$7,147 TC: \$258,745

Initiate Swabbing Operations

12/16/97 **Try to produce.** MIRU Delsco. ITP 200, ICP 1050, IFL 1800. 8 runs 80 bbls, flow well 20 bbls. SIFN, will try to put on in morning. FTP 300, FCP 850, FLL 2000, lots of water. Flow line needs to be redone off wellhead.
DC: \$978 TC: \$978

12/17/97 **Open to pit 24/64 choke.** Delsco, ITP 750, ICP 1250. Blow dn 10 mins, IFL 2000. 8 runs 80 bbls. Blow well, 35 bbls, total 115 bbls. FTP 250, FCP 1050, FFL 1600. Open to pit on 24/64 choke, unloading. TP 320, SICP 945 at 2:15P. Will try to produce in morning.
DC: \$813 TC: \$1,791

12/18/97 **Open to pit.** Delsco. ITP 0, ICP 1300. 5 runs 60 bbls. Blow well 60 bbls. Total 120 bbls. FFL 2000. Open well to blow, put in 24/64. Well just about died. Open well full choke, unload water. Put in 48/64 ck to pit. 3 AM. FTP 200 SICP 750. Very wet gas on 48/64 ck.
DC: \$738 TC: \$2,529

12/19/97 **Prep to swab.** Delsco. FTP 160, SICP 650. SI. Hooked up prod line, put on sales, will not produce. 270 TP, 950 CP. Tried to blow well, went dead. SI will swab in morning.
DC: \$350 TC: \$3,029

12/20/97 **Open to pit on 30/64.** Delsco. ITP 40, ICP 1200 IFL 3200. 2 runs 15 bbls, flow 70 bbls, total 85. Put in 48/64 choke at 10:00A. TP 160, CP 950. 30/64 at 1:00P to pit. Press at 3:00P FTP 320, SICP 850 still wet gas.
DC: \$1,055 TC: \$3,646

12/21/97 **Selling.** ITP 300, ICP 800. Shut in to hook up prod line. Start fires - warm up separator & dehy. Turn down line on 20 choke. FTP 375, FCP 825.
DC: \$690 TC: \$4,336
Additional charge: backfilling pit.
DC: \$7,035 TC: \$11,371
Additional charge: hauling water from pit.
DC: \$25,000 TC: \$36,371

12/22/97 Flwg 528 MCF, 219 BW, FTP 400#, CP 895#, 20/64" ck, 24 hrs.

12/23/97 Flwg 498 MCF, 188 BW, FTP 360#, CP 900#, 20/64" , 24 hrs.

12/24/97 Flwg 486 MCF, 197 BW, FTP 410#, CP 900#, 20/64" ck, 24 hrs.

12/25/97 Flwg 458 MCF, 187 BW, FTP 360#, CP 900#, 20/64" ck, 24 hrs.

12/26/97 Flwg 459 MCF, 170 BW, FTP 350#, CP 900#, 20/64" ck, 24 hrs.

12/27/97 Flwg 440 MCF, 160 BW, FTP 350#, CP 890#, 20/64" ck, 24 hrs.

12/28/97 Flwg 432 MCF, 100 BW, FTP 340#, CP 900#, 20/64" ck, 24 hrs. Prior prod: Flwg 181 MCF, 5 BW, FTP 296#, CP 1041#, 30/64" ck 24 hrs. **Final Report**

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1/7/97 **Check Well.** ITP 180 psi, ICP 1250 psi. MIRU Delsco swabbing unit. Ran swab. Found FL @ 2000'. Made 4 runs, well kick off. Recover 24 bbls. FFL @ 3000'. FCP 1200 psi. FTP 200 psi. SDFN. Put well on production.
DC: \$1,078 CC: \$1,078

Reclaim Pit

2/12/98 **Producing.** Close reserve pit & clean up location.
DC: \$6,000 CC: \$6,000

Raise Tbg & Run Prod Log - LOE

06/09/98 **POOH w/Tbg for Bumper Spring.** Road rig f/NBU #286 to NBU #222. MIRU PU. SICP 550#, FTP 286#. Blow well dn. ND WH, NU BOPS & chg rams. PU & LD hgr. RU Delsco. RIH & recover plunger. RIH & attempt to recover bumper spring - hung up in collar above XN nipple. Shear off & RD Delsco. Shut tbg in & left csg open for sales @ 5:30 pm.
DC: \$3,822 CC: \$3,822

06/10/98 **WO Evaluation of Log.** FCP 180#, SITP 20#, 48/64" ck. Blow well dn. POOH w/2-3/8" tbg, XN nipple & pmp off plug. Recover bumper spring scale up & 600' tbg. 12 2-7/8" collars were eaten up. PU NC, 1 jt tbg, SN & RIH w/145 jts 2-7/8" tbg. EOT @ 4500'. RU flow tee adjustable ck & Well Information Serv. Run prod log f/4652'-6697'. Logger TD 6697'. With well flwg FTP 50#, FTP 490#. SI tbg & RD WIS. Leave well flwg on csg to sales @ 6:30 pm.
DC: \$8,177 CC: \$11,999

06/11/98 **Finish RIH w/Tbg, Csg Scraper, & Bit.** SITP 425#, FCP 275#. Blow well dn. RIH w/31 std tbg. LD 52 jts tbg. Fin POOH w/156 jts 2-7/8" tbg. LD NC & PU 6-1/8" drag bit & 7" csg scraper & RIH w/2-7/8" tbg. High winds. EOT @ 2980'. Leave csg open to sales. Shut dn for wind @ 3:00 pm.
DC: \$2,402 CC: \$14,401

06/12/98 **RU Delsco & Swab on Well.** Blow well dn. Fin RIH w/2-7/8" tbg, bit, & scraper to 4815'. RU & pmp 150 bbls 2% KCL dn csg. No returns. POOH w/2-7/8" tbg, bit, & scraper. RU Cutters WL & RIH w/6.125 gauge ring & junk basket to 4800'. RIH w/7" RBP & set @ 4700'. RIH w/bailer & dump 1 sx sd on RBP @ 4700'. RD Cutters WL. PU NC & RIH w/2-7/8" tbg. RU & broach tbg to SN @ 4643'. PU hgr & land w/151 jts 2-7/8" 6.5#, N-80 tbg. EOT @ 4676'. SN @ 4643'. RD floor & tbg equip. ND BOPS, NU WH. RU & swab. Made 5 runs, rec 25 BW. IFL 3400', FFL 3300'. ICP 375#, FCP 180#. ITP 400#, FTP 0. RDMO. SWIFN. **Final Report.**
DC: \$5,043 CC: \$19,444

LOE - Set RBP Lower

07/02/98 **Prep to RIH w/hydrostatic bailer.** MIRU General Well Service Rig #101. Blow well dn. ND WH, NU BOP. POOH w/2-7/8" tbg. RIH w/retrieving head for RBP & 2-7/8" tbg. Tag fill @ 4692' (RBP @ 4700'). Attempt to brk circ w/275bbls 2% KCL wtr - would not circ. POOH w/tbg & ret head. SDFN.
DC: \$7,047 CC: \$7,047

AFE# LOE

01/26/99 **Prep to POOH w/rods & pump**
MI & RU Colo well Serv. Rig # 26. Prep to POOH w/ rods & pump. SDFN
CC: \$700

01/27/99 **POOH w/tbg**
RD Horse's Head, POOH w/rods & pump. Well kicked, (flowed hvy oil up csg). RU Hot oil unit, flushed tbg & killed well w/50 bbls hot 2% KCL wtr. Released tbg anchor, NUBOP. POOH 75 stds tbg. Lay down tbg anchor. SDFN
CC: \$5,725

01/28/99 SICP & SITP 380 psi. Blow well dn., dropped standing valve. Pmpd 20 bbls wtr down tbg. Finish POOH w/ tbg found split in 3 rd jt above PSN (appeared to have been caused by rod wear). RIH w/ Bull plug, 4' perf tbg sub, 1 jt 2 3/8" tbg, PSN, 62 jts 2 3/8" tbg, TAC & 148 jts 2 3/8" tbg landed w/EOT @ 6550', PSN @ 6514' & tac @ 4592'. NDBOP, set tac w/15000# tension. RU to run rods. RIH w/2 1/2" x 1 1/2" x 12' x 15' x 17' RHAC pump. 10-7/8" guided rods, 70 3/4" guided rods, 178 -3/4" slick rods, 1 2' x 3/4", 1 - 4' x 3/4" rod subs & 1 1/2" x 22' polished rod. Spaced out & hung on. Press test tbg to 500psi-OK. Started pumping. RD & MO Colo Well Serv. Rig # 26. SDFN
CC: \$10,115

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07/03/98 **Finish POOH w/ret tool & tbg.** SICP 200#. Blow well dn. PU & RIH w/ret tool & hyd bailer & tbg. Tag sd @ 4694'. Bailed sd to 7" RBP @ 4700'. Latch onto plug, release & equalize. Pmp 50 bbls 2% KCL dn csg. POOH w/tbg, hyd bailer, & 7" RBP. LD tools. PU 7", 23# RPB & RIH w/tbg. Attempt to set RBP @ 4750' to 4830' - slipping. Flush w/40 bbls dn csg. Attempt to set RBP - not set. POOH w/tbg & RBP. Slips were smooth. PU new 7", 23# RPB w/carb slips. RIH w/tbg. Set RBP @ 4750'. LD 2 jts & POOH w/tbg & ret tool. EOT @ 2238'. SWIFN.
DC: \$6,468 CC: \$13,515

07/04/98 **RDMO.** Blow well dn. Finished POOH w/ret tool & LD. PU NC, 1 jt, SN, 151 jts of 2-7/8" tbg. Landed tbg. EOT @ 4704', SN set @ 4671'. ND BOP, NU WH. Broached tbg to SN. RU swab. Made 19 total runs, rec 92 bbls. IFL 2500', FFL 3200'. ICP 100#, FCP 200#. ITP 50#, FTP 0. SDFN.
DC: \$3,405 CC: \$16,920

07/05-06/98 **Shut dn for PBU.**

07/07/98 **Fish for line & tools.** Made 6 swab runs, rec 30 bbls. ITP 0, FTP 0. ICP 340#, FCP 340#. IFL 3000', FFL 3000'. On 7th run swab line parted in lubricator w/splice 800ft in tbg with 25 ft of tools (1-1/2" weight bar, 8' spring & jars, 2' swab knuckle & mandrel). SWIFN. Will fish in morning.
DC: \$756 CC: \$17,676

07/08/98 **Fish w/external spear.** SICP 360#, SITP 0#. Fish swab line in tbg w/internal spear. Fish approx. 120' of cable. SDFN.
DC: \$1,405 CC: \$19,081

07/09/98 **RU Delsco & swab.** ITP 0, ICP 400#. Made 2 more trys without side catcher. RD Delsco. MIRU GWS. Blew dn well. ND WH, NU BOP. RU floor tools for 2-7/8" tbg, change rams in BOP. POOH 63 stds, tie onto sand line. Pull sand line & swab. RIH w/same prod string, NC, 1 jt, PSN, 151 jts 2-7/8" N-80 tbg. PU hgr & land. ND BOPS, NU WH. RDMO. SIFN.
DC: \$4,539 CC: \$23,620

07/10/98 **Swab.** RU Delsco. Made 22 swab runs, rec 110 bbls. IFL 2800', FFL 3600'. ITP 0, FTP 0. ICP 40#, FCP 150#. Drop 2 soap sticks. SIFN.
DC: \$1,384 CC: \$25,004

07/11/98 **SI - wait on AFE or orders.** Made 28 swab runs, rec 140 bbls. FFL 3600'. ICP 225#, FCP 350#. ITP 0, FTP 0. SI well, wait on AFE or orders. **Drop from report for further evaluation.**
DC: \$1,496 CC: \$26,500

Install Pumping Unit (AFE #28105)

09/02/98 **Prep to RIH w/retr tool for RBP.** MIRU CWS rig # 26. SICP 550 psi, FTP 0. Blow dn csg. ND WH. NU BOP. LD tbg hgr. RIH w/tbg. Tag RBP @ 4750' (no fill on RBP). POOH w/2 7/8" tbg. SDFN.
DC: \$5,503 CC: \$5,503

09/03/98 **Prep to kill well & set tbg anchor.** SICP 0. RIH w/retr tool for RBP. Rltd RBP @ 4750'. Well kicked. SICP incr to 520 psi. Blow dn & kill well w/150 bbls 2% KCl wtr. POOH & LD RBP & retr tool. RIH w/bull plug, 2 7/8" x 4' perf tbg sub, 1 jt 2 7/8" J-55 tbg, PSN, 53 jts 2 7/8" J-55 tbg, 4 jts 2 7/8" N-80 tbg, Baker TAC, & 148 jts 2 7/8" N-80 tbg. EOT @ 6545'. Well kicked. SWIFN.
DC: \$5,752 CC: \$11,255

09/04/98 **Producing.** SITP 600 psi, SICP 600 psi. Blow dn & kill well w/80 bbls 2% KCl wtr. ND BOP. Set Baker TAC @ 4592' w/14,000# tension. Land tbg - EOT @ 6549' & PSN @ 6514'. RU to run rods. RIH w/2 1/2" x 1 1/2" x 12' x 15' x 17' RHAC pmp, 10 - 7/8" guided rods, 70 - 3/4" guided rods, 178 - 3/4" slick rods, 1 - 2' x 3/4" rod sub & 1 1/2" x 22' polished rod. Hung on. Loaded tbg w/5 BW & press test to 500 psi. Started pmpg.
DC: \$35,470 CC: \$46,725

09/05/98 Flwg 8 MCF, 83 BW, CP 286 psi, 16 hrs (pmpg).

09/06/98 Flwg 156 MCF, 108 BW, CP 289 psi, 24 hrs (pmpg).

09/07/98 Flwg 156 MCF, 123 BW, CP 290 psi, 24 hrs (pmpg).

09/08/98 Flwg 418 MCF, 234 BW, CP 350 psi, 24 hrs (pmpg).

09/09/98 Flwg 386 MCF, 135 BW, CP 299 psi, 64/64" ck, LP 291#. Prior production: 0 - well logged off.
Final Report.

4/8/99 SICP - 274#, SITP - 150#. MIRU. RD PUMP UNIT. BLOW WELL DWN. UNSEAT 1 1/2" PUMP @ 6,514'. FLUSH TBG W/ 30 BBLS 2% KCL. POOH & LD PUMP. MIRU WEATHERFORD. RIH & LOG 2 7/8" TBG W/ 30 FINGER CALIPER TOOL & SPLIT DETECTOR. LOGGED 212 JTS 2 7/8" TBG. 180, #1 (0-30%), 24 #2 (30-45%) 8 #3 (45-100%). RDMO WEATHERFORD. SWI, SDFD.

04/09/99 SCHEMATIC (SEE WELL FILE).

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SICP - 50#, SITP - 0#. BLOW WELL DWN. PUMP 20 BBLs 2% KCL DN CSG. ND WH, RLS 7" X 23# TAC @ 4,592'. NU BOP'S, RU 2 7/8" TBG EQUIP. POOH W/ 2 7/8" PROD BHA, SEPARATING TBG GRADES. LAY DWN 20 JTS 2 7/8" J-55 8RD EUE TBG. NOTE: 4' X 2 7/8" PERF SUB (ON BTM OF PROD STRING) WAS PLUGGED OFF SOLID W/SAND & SCALE. HOLE IN TBG IN JT #210 @ 6,477'. PU BHA & 20 JTS 2 7/8" X 6.5# N-80 TBG. RIH W/ 2 7/8" PROD BHA (211 JTS) RD FLOOR. ND BOP'S. SET 7" X 23# TAC @ 4,578' W/8,000# TEN, +45 SN @ 6,499'. EOT - 6,534' NU WH, XO EQUIP TO RODS. SWI, SDFD.

4/10/99 SICP - 80#, SITP - 0#, DUMP 30 GAL SCALE INHIBITOR DWN TBG. FLUSH W/40 BBLs 2% KCL. PU 2 1/2" X 1 1/2" X 17' RHAC PUMP. RIH W/10 - 7/8" RODS W/GUIDES, 70 - 3/4" RODS W/GUIDES, & 178 - 3/4" SLICK RODS. SPACE OUT W/2 - 2' & 1 - 4' PONY SUB. PU POLISH ROD & SEAT PUMP @6,499'. PRESS TEST PUMP TO 500# W/ 12 BBLs & 5 GALS CORR. INHIB. RU HORSE HEAD & HANG POLISH ROD OFF. START PUMP UNIT & PUT TO SALES. RACK UP EQUIP. & SDFDW.

4/13/99 CHECK WELL - O.K. FINAL REPORT - RDMO.

AFE# 0 LOE, 7200

06/03/99 CALL OUT CREW. ROAD RIG F/NBU # 6 mi SPOT RIG CAN'T RU HIGH WIND. SDFD

6/4/99 **BACK RODS OFF & SWAB DN TBG & POOH.** FCP - 270#, TP - 0#. RU, PU & HANG OFF POLISH ROD. RD HORSE HEAD. PU ON POLISH ROD, UNABLE TO FREE PUMP. PUMP 50 BBLs 2% DWN CSG @ 275 DEGREES. JAR ON PUMP. NO MOVEMENT. RU ROD EQUIP & BACK RODS OFF @ 2,200'. POOH W/29 - 3/4" RODS. CHG OVER TO TBG EQUIP & NE WH. PU & RELEASE TAC @ 4,578'. WO BOP'S & PUMP TANK. RU & SWAB TBG DN NU BOPS & RU FLOOR & TBG EQUIP. POOH W 2 7/8 TBG TAC DRAG TURN TAC TO RIGHT @ 2539' & 2408' EOT @ 4366'. SWIFN. TC:\$6,360

06/05/99 **PU 6 1/8 MILL & RIH W 2 7/8 TBG.** FCP-300 PSI SITP-200PSI BLOW WELL DN. LD 1 JT 2 7/8 TBG. BACK OFF RODS & POOH W 122 3/4" RODS. POOH W 2 7/8 TBG. PUMP 30 BBL. DN CSG. TAC DRAGING TURN TBG TO RIGHT. LD TAC SCALED UP & STILL IN SET POSITION. CONTINUE STRIPPING & POOH W/TBG & RODS. HAD 93' OF SCALE & SD UP TBG. PULL PUMP OUT SN W/SCALE & SD. BTM JT & PERF SUB CLEAN. LD 8 JTS TBG. W/SCALE & 8-7/8" RODS & 12-3/4" RODS. SWIFN. TC: 10,443

06/06/99 **RIH W 2 7/8 TBG & TAG FILL (MONDAY).** FCP-300 PSI BLOW WELL DN. WASH OFF TBG EQUIP & FLOOR PU 6 1/8 USED MILL & RIH W 2 7/8 TBG. TAG SD @ 6690'. RU SWIVEL & AIR FOAM UNIT. B/CIRC W/AIR FOAM. CO SD & SCALE F/6690' TO 6801' PBTD. CIRC HOLE CLEAN. PUMP 10 BBL DN TBG. RD SWIVEL & POOH W 2 7/8 TBG. & MILL F/ ABOVE PERF. EOT @ 4642'. SWIFD & UNTIL MONDAY MORNING. TC: \$16,969

06/08/99 **PU RHAC PUMP & RIH W/7/8" & 3/4" RODS.** SICP-600 PSI SICP-800 PSI BLOW WELL DN. PUMP 15 BBL 2% DN TBG. RIH W /TBG & MILL. TAG SD @ 6771' 30' FILL. RU SWIVEL B/CIRC W/AIR FOAM. CO SD F/6771 TO 6801 PBTD. CIRC HOLE CLEAN. PUMP 5 BBL 2% DN TBG. RD SWIVEL & POOH W /2 STDS. WAIT 1 HR. RIH W/TBG TAG FILL @ 6798'. POOH W 2 7/8 TBG. & LD MILL. PUMP 21 GAL SCALE INH & 40 BBL 2% KCL. PU BULL PLUG, PERF SUB, 1 JT, PSN. RIH W 2 7/8 TBG. PU 7" TAC F/RIH W 2 7/8 TBG. TAG FILL @ 6797'. LD 2 JTS. RD FLOOR & TBG EQUIP ND BOPS & SET TAC @ 4577' W/10,000# TENSION. PU HANGER LAND W/281 JTS 6.5 2 7/8 N-80 & J-55 TBG. EOT @ 6756' & SN @ 6721'. CHG OVER ROD EQUIP. SWIFN. TC: \$23,433

06/09/99 **RIH W/ ROD PMP.** SICP=600#, SITP=590#. BLOW WELL DN. PMP 30 BBL 2% KCL DN TBG, DUMP 5 GAL SCALE INHIB. DN TBG. PU 2 1/2" X 1 1/2" X 16' TRICO PMP W/ ON-OFF TOOL RIH PU 10, 7/8" EL W/G RODS. RETORQUE ALL RODS BREAKS. STACKED PMP OUT @ 5850'. POOH W/ PUMP. RIH W 2.31" O.D. TBG BROACH ON SAND LINE. TAG @ 5850' BROACH TO 5923' (63'). QUIT MAKING HOLE WAIT ON ACID. MIRU H-S PMP 10 BBL 15% HCL, FLUSH W/22 BBL 2% KCL 1 BPM @ 5 PSI. RDMO H-S SWI, SDFD. CC: \$31,446

6/10/99 **RIH W/ RODS.** SICP=400#, SITP= 50#. BLOW DN TBG. & PUT CSG ON GAS SALES. RU SWAB EQUIP, RIH W 2.31" BROACH TO SN @ 6721'. TBG IS CLEAN. START SWABBING: IFL @ 3500', PULL F/5600', MADE 9 RUNS REC 19 BBL WTR (BLACK), PH=7, FFL @3100'. TEARING UP SWAB CUPS EVERY RUN. TBG I.D. IS ROUGH. HUNG UP @ 3300' POOH W/SWAB. PULLED OUT OF ROPE SOCKET. NDWH, NU BOP, RU 2 7/8" TBG. EQUIP. RLS 7" TAC @ 4577'. RIH TAG FILL @ 6762' (PBTD @ 6801') 39' FILL. THE EOT WAS @ 6756', (6' ABOVE FILL) POOH W 2 7/8" PROD BHA. WITH STUCK SWAB SINKER BARS. RIH W/N-C (HAS 1" ROD THRU THE MIDDLE) 1 JT 2 3/8" TBG +45 SN, TAG FILL @ 6762', LD 3 JTS 2 3/8" TBG. EOT @ 6683' 216 JTS ABOVE SN @ 6652'. ND BOP, NU WH. SWI, SDFD. SCHEMATIC (SEE WELL FILE) CC: \$33,798

6/11/99 FCP-270 PSI SITP-100 BLOW WELL DOWN. W.O. 2% KCL H2O. PUMP 270 BBL 2% KCL DN CSG W/NO RETURNS F/TRY CIRC ACID OUT. RIH W/7/8" & 3/4" RODS. RUN 10-7/8" GUIDED, 80- 3/4" GUIDED & 174-3/4" SLICK RODS.1-2' 3/4" PONEY SUB. PU 11/2" X 22' POLISH ROD. HANG ROD OFF ON PLOISH CLAMP. RD HALF MAST & WO HIGH WINDS. F/RD & MO TWS # 1 pu SWIFD & WO AFE. CC: \$36,789

AFF# 28625

7/20/99 **BLOW DOWN POOH WRDS & LD TBG** MIRU RIG & EQUIP, SDFD. TC: \$4,156

7/21/99 **POOH & RATTLE TBG.** SITP - 1,250#, FCP - 250#. BLOW WELL DWN. PU & LD POLISH ROD & ROD SUBS, POOH & LD RODS IN DOUBLES. PUMP 15 BBLS 2% KCL DWN TBG TO KILL. ND WH, NU BOP'S. RU FLOOR & EQUIP. XO TO 2 7/8" EQUIP. PU & LD TBG HANGER. POOH. LD 2 7/8" TBG ON PIPE RACKS TO RATTLE TBG WHILE POOH. SWI, SDFN. (NO EXCESS SCALE IN TBG.) TC:\$10,611

7/22/99 **FINISH RIH W 2 7/8" TBG, NU WH.** SICP 450 PSI. BLEW WELL DOWN PU 6 1/8 DRAG BIT, 7" CSG SCRAPER, CROSS OVER & 2 7/8 TBG TO 2800', PUMP 15 BBLS 2 % KCL WT. DW TBG TO KILL WELL FIHISH PU. TBG TO 6255', 202 JTS. WORKED SCRAPER FROM 6200' TO 6255' SEVERAL PASSES. CASING CLEAN. LD 17 JTS 2 7/8" TBG. POOH W/185 JTS TBG, LD SCRAPER & BIT. MIRU CUTTERS WL. PU RIH W/ 7" CIBP. SET CIBP @ 6220'. CORILATED TO CBL LOG RUN 4/22/97. POOH RD CUTTER WL. PU RIH W 2 7/8" NOTCHED COLLAR, 1 JT. 2 7/8" TBG, 2 7/8" + 45 SEAT NIPPLE, 43 JTS. 2 7/8" TBG, ARROW 7" TAC. 93 JTS 2 7/8" TBG TO: EOT @ 4247'. SIW. SDFD. TC:\$16,596

7/23/99 **SWABBING.** SITP - 50#, SICP - 20#. BLOW WELL DWN. FIN RIH W/2 7/8" TBG. PU TBG HANGER & LAND W/185 JTS TBG. LAND W/EOT @ 5,734', SN @ 5,703'. 7" TAC @ 4,370'. NOT SET. ND BOP'S, RU SWAB. IFL - 2,100'. SWAB 24 RUNS, REC 221 BBLS. WTR. RD SWAB. SWI, SDFN. TC:\$20,184
(WELL SCHEMATIC - SEE WELL FILE).

7/24/99 **SWABBING.** IFL - 3,000'. REC 178 BBLS. SICP - 360# TO 550#. TC:\$23,305

7/25/99 **SWABBING.** SICP - 700#. FL - 2,800'. REC 10 BBLS. TC:\$24,399

7/26/99 **WELL SHUT IN - WAITING ON ORDERS.**

7/27/99 **RIH W/PUMP & RODS.** SWAB. IFL - 2,800'. SICP - 800#. SITP - 0#. SWABBED & FLOWED 7 HRS W/16 RUNS & REC 135 BBLS. FFL - 4,200'. TC: \$31,216

7/28/99 **PLACED ON PROD.** SICP - 800#, SITP - 0#. BLOW WELL DWN. ND WH, NU BOP'S. RU 2 7/8" EQUIP. EOT - 5,734'. POOH W/2 7/8" TBG. RIH W/2 7/8" BHA ASSEMBLY. SET 7" TAC @ 4,555' W/8,000# TENSION. SN @ 5,891'. EOT - 6,017'. ND BOP'S, NU WH. RU ROD EQUIP. RIH W/1 1/2" PUMP. PU RODS & RIH. SEATED PUMP @ 5,981'. FILLED TBG W/12 BBLS 2% KCL & STROKE TESTED TO 500#. PLACED ON PRODUCTION @ 6:00 P.M.

SCHEMATIC (SEE WELL FILE)MIRU LAY DN RODS. LAY DN TBG & RATTLE IT W/STRICKER RIH & SET CIBP @ 6220'. ISLOLATE THE MESA VERDA ZONES RIH W/ TBG & TRY TO SWAB DN F/PLUNGER LIFT ASSEMBLY RIH W 2 7/8" PROD BHA, & 2 1/2" X 1 1/2" TRICO PMP. PROD THE WASATCH ZONES.
WASATCH : 4652'-56', 4667'-72', 4709'-18', 4927'-28', 5752'-62'. MESA VERDE: 6254'-58, 6268'-72', 6292'-96',6310'-12',6478'-79',6490'-94',6506'-10', 6525'-28',6704'-05', 6716'-20'

7/29/99 SICP=225#. WELL PUMPING OK. RIG DN RIG & EQUIP. ROAD RIG TO NBU # 268 LAST REPORT TC: \$31,816
PUMPING - 35 MCF, 90 BW, CP - 284#, 64/64 CK. LP - 280#. 24 HRS

8/13/99 FINAL REPORT**AFF # 29056**

12/14/99 **POOH W/ RD PMP, LD RD'S.** ROAD RIG & EQUIP F/ THE NBU #354. MIRU. SDFD. (DAY 1) TC: \$1,714

12/15/99 **DRLG CIBP.** MIRY BIG RED HOT. UNSEAT TRICO 1 1/2" PMP @ 5981'. FLUSH TBG W/ 60 BBL 2% KCL @ 180 DEG. RE-SEAT PMP, TEST TBG 1000#, OK. UNSEAT ROD PMP. POOH & LD 147 3/4" EL SL ROD'S, 80 3/4" EL W/G ROD'S, 10 7/8" EL W/G ROD'S, & PMP. XO EQUIP TO 2 7/8" TBG, NDWH, NUBOP. RLS 7" TAC @ 4555', POOH W/ 2 7/8" PROD BHA, SLM. PU & RIH W/ 6 1/4" 4 BLADE MILL, 1 JT 2 7/8", +45SN SD ABOVE TP @ 4652'. SWI, SDFD, EOT @ 4635'. (DAY 2) TC: \$6,410

12/16/99 **RU AIR FOAM UNIT, DRLG OUT CIBP.** EOT @ 4635'. SICP & SITP = 0# PSI. RIH W/ 6 1/4" MILL. TAGGED 7" CIBP @ 6220'. RU DRLG EQUIP FILL CSG W/ 130 BBL 2% KCL. PMP 4 BPM, LOOSING 3 BPM). START MILLING ON 7" CIBP. 80 RPM, 4-6000# WT. LOST RETURNS. RD DRLG EQUIP, POOH W/ 6 1/4" MILL. SD ABOVE TP @ 4652' CALL OUT WEATHERFORD AIR FOAM UNIT. SWI, DRAIN PMP & LINES, SDFD. (DAY 3) TC: \$12,111

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12/17/99 **CMT SQUEEZE PERF'S.** SICP & SITP = 400#, BLOW WELL DN. MIRU WEATHERFORD AIR FOAM UNIT. EOT @ 4635'. RIH TAG 7" CIBP @ 6220'. RU DRLG EQUIP, BRK CIRC MILL ON 7" CIBP @ 6220'. 80 RPM, 4-6000# WT. FELL THRU PLUG. RIH TO 6745', BP @ 6720'. NO FILL WELL IS FLOWING FULL 2" STREAM WTR @ 100#. POOH W/ 6 1/4" MILL. DRAIN PUMP & LINES SWI, SDFD. (DAY 4) TC: \$26,632

12/18/99 **TAG CMT TOP.** SICP=1300#. BLOW WELL DN, PMP 70 BBL 2% KCL DN CSG RD FLOOR, CHANGE OUT BOP'S, RU FLOOR & TBG EQUIP. RIH W/ 2 7/8" TBG, OPEN ENDED. KILL WELL AS NEEDED. MIRU HALLIBURTON TO SQUEEZE OFF MESAVERDA & WASACHPERF'S F/4652' -6720', 2068' INTERVAL. FILL CSG W/ 250 BBL 2% KCL. PMP 500 SKS CLASS "G" CMT, 1.15 YIELD, .1% HR5 @ 15.8 PP 5BPM @ 290# (102.4 BBL'S CMT) CALCULATED CMT TOP @ 4134'. EST CMT TOP, N/A. POOH W/ 88 JTS 2 7/8" TBG, EOT @ 4008' REV CIRC W/ 50 BBL 2% KCL. DRAIN UP. SWI,SDFD. EOT@ 40008' (DAY 5) TC: \$30,267

12/19/99 **RDMO 12/20/99.** SICP = 175#, SITP = 150#. BLOW WELL DN. EOT @ 4008'. RIH & TAG CMT @ 4383', (269' ABOVE TOP PERF @ 4652'). RU & REV CIRC W/ 50 BBL 2% KCL. TEST 500#, F/ 15 MIN, OK. POOH LAYING DN TBG. LD 193 JTS 2 7/8" TBG & BHA RD FLOOR & EQUIP, ND BOP, BU BLANKING COMPANION FLANGE ON THE TBG HEAD. HIGH WIND, CAN'T RIG DN RIG. SDFD. (DAY 6) TC: \$34,976

12/21/99 **WELL IS PREP'D F/ DRLG RIG.** RIG ND RIG, LOAD OUT EQUIP. ROAD RIG & EQUIP TO THE NBU #18. **FINAL REPORT.** (DAY 7) TC: \$36,013

12/20/99 **FINAL REPORT**

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OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)791-7023

4. Location of Well

Footages: 1667' FNL & 2602' FEL

QQ, Sec., T., R., M.: SW/NE T10SR22E Sec 11

5. Lease Designation and Serial Number

U-01194-A-ST

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

NBU #222

9. API Well Number:

43-047-32509

10. Field and Pool, or Wildcat

Natural Buttes Fields

County: Uintah

State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Spud |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud @ 1:00 p.m. on 1/7/00 with Coastal, Rig #5. Prepare to deepen.

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DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature

Katy Dow

Katy Dow

Title Environmental Jr. Analyst

Date 1/17/00

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes		5. Lease Designation and Serial Number U- 01194-A-ST
		6. Indian, Allottee or Tribe Name: N/A
		7. Unit Agreement Name: N/A
		8. Well Name and Number: NBU #222
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		9. API Well Number: 43-047-32509
2. Name of Operator Coastal Oil & Gas Corporation		10. Field and Pool, or Wildcat Natural Buttes Field
3. Address and Telephone Number. P.O. Box 1148, Vernal UT 84078 (435)781-7023		
4. Location of Well Footages: 1667' FNL 7 2602' FEL QQ, Sec., T., R., M.: SW/NE		County: Uintah State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Drilling Summary</u>	
<input type="checkbox"/> Other _____		Date of work completion _____	
Approximate date work will start _____		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Finished drilling from 6900' to 9604'. Ran 228 jts 4 1/2" 11.6# P-110 Csg. Cmt w/ 85sks HiFill MOD. 11.6 ppg, 3.12 yield and 405sks 50/50 Poz, 14.35 ppg, 1.24 yield. Displace w/148 Bbls 3/% KCL. Full Circ. Bump plug. Floats held. Rig released @ Midnight on 2/3/2000.

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13. Name & Signature Katy Dow Title Environmental Jr. Analyst Date 2/4/00
(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corp
ADDRESS P.O. Box 1148
Ukiah, Ut 84078

OPERATOR ACCT. NO. H 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	29000	43-047-32509	NBU # 222	SWNE	11	105	22E	Utah	1/7/00	1/7/00
WELL 1 COMMENTS: 32509 000214 entity added to Castlegate PZ; "Nat Buttes U/WSMVD". KDR											
B	99999	2900	43-047-32905	NBU # 275	NWSW	9	95	21E	Utah	1/13/00	1/13/00
WELL 2 COMMENTS: 000214 entity added; (Nat Buttes U/WSMVD) KDR											
B	99999	2900	43-047-33009	NBU # 200	SENE	28	95	21E	Utah	1/23/00	1/23/00
WELL 3 COMMENTS: 000214 entity added; (Nat. Buttes U/WSMVD) KDR											
B	99999	2900	43-047-33012	NBU # 299	SWNE	16	95	21E		1/23/00	1/23/00
WELL 4 COMMENTS: 000214 entity added; (Nat Buttes U/WSMVD) KDR											
B	99999	2900	43-047-33465	NBU # 294K	NWSW	22	95	20E		1/21/00	1/21/00
WELL 5 COMMENTS: 000214 entity added; (Nat Buttes U/WSMVD) KDR											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Tracy J. Paul
Signature
Environmental Analyst
Title
3/14/00
Date
Phone No. 435-781-7022

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

U-01194-A-ST

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

NBU #222

9. API Well No.

43-047-32509

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

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2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435)781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE Sec.11, T10S, R22E
1667' FNL & 2602' FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Completion</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Report</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Subject well placed on production on 3/16/00. Please refer to attached Chronological Well History.

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14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date 3/28/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS**

CHRONOLOGICAL HISTORY

NBU #222

Page 1

SW1/4NE1/4, SEC. 11, T10S, R22E

Natural Buttes Field

Uintah County, UT

WI: 100% COGC AFE: 14687 27405 & 28105 & 28625 & 29056, 28912

PBSD: 6852' Csg: 7" 23# @ 6896'

TD: 6900' Perfs: 4652'-6720'

CWC(M\$):

RECEIVED**APR 03 2000****DIVISION OF
OIL, GAS AND MINING****AFF-28912 DEEPEN TO Lower Mesaverde**

- 02/09/00** **PU & RIH W/ 2 3/8" N-80 TBG.** MIRU RIG & EQUIP, NDWH, NUBOP, TST TO 10,000# OK, PU & RIH W/ 3 7/8" DB, 1 JT, SN & 2 3/8" N-80 TBG W/ EOT @ 2200' SWI. SDFN.
(DAY 1)
- 02/10/00** **RU WLS & LOG.** PU & RIH W/ 2 3/8" N-80 TBG, TAG @ 9500', CIRC W/ 150 BBLS 3% KCL, POOH W/ 2 3/8" TBG, SN, 1 JT & 3 7/8" DB, SWI. SDFN.
(DAY 2)
- 02/11/00** **PERF.** RU SCHLUMBERGER WLS RIH & LOG W/ CBL/CCL/GR/TEMP F/ 9475' PBSD TO SURF W/ 1000# ON CSG, RIH W/ NC, 1 JT, SN & 2 3/8" TBG EOT @ 6100'. RU SWAB & SWAB DWN TO 4000'. POOH, PREP TO PERF. SWI, SDFN.
(DAY 3)
- 02/12/00** **SWAB ON WELL.** RU SCHLUMBERGER & RIH W/ 3 3/8" PWER JET EXP GUN 0.45 EHD 60 DEG PHASING. PERF @ 8654'-8666' 6 SPF. FL-3840' PRESS 0 PSI. POOH & RD SCHLUMBERGER. PU NC & RIH W/ 2 3/8" TBG. EOT @ 8653'. RU HES & BRK DWN PERF F/ 8654-8666' W/ 25 BBL 3% KCL. BRK W/ 5347 PSI @ 4.5 BPM. ISIP-2632 PSI, 5 MIN 2398 PSI, 10 MIN 2334 PSI, 15 MIN 2286 PSI. AP-5180 PSI, AR-4.5 BPM. TOTAL LOAD 25 BBL. RD HES & FLOW WELL TO PIT REC 23 BBL. RU & SWAB IFL-SURF. MADE 4 RUNS REC 37 BBLS, FFL 1000'. SWIFN.
(DAY 4)
- 02/13/00** **SWAB ON WELL MONDAY MORNING.** SICP-2000 PSI. SITP -2000 PSI. BLOW WELL DN REC 38 BBL. RU & SWAB IFL-SURF. MADE 10 RUNS, REC 82 BBL, FFL 4800'. PULL F/SN @ 8620' GAS CUT FLUID. SICP-200 PSI, FTP-LIGHT BLOW. REC 34 BBL OVER LOAD & CSG. 6 BBL EVERY 1/2 HR. SWIFD.
(DAY 5)
- 02/15/00** **RIH W/ CIBP.** SICP-1850#, SITP-2350#, BLOW DWN IN 30 MINS GAS, RU SWAB, IFL-600', FFL -6200', 4 1/2 HRS, 10 RUNS, 75 BBLS WTR, FINAL CP-250#, RD SWAB. POOH W/ 2 3/8" TBG, SN, 1 JT & NC, SWI, SDFN.
(DAY 6)
- 02/16/00** **POOH & RIH W/ CMT RET.** SICP-800#, BLOW DWN IN 20 MIN GAS, RU CUTTERS WLS SET CIBP @ 8640' W/ 1 SX CMT ON TOP, SQZ PERF W/ 3 1/8" CSG GUNS 4 SPF 90 DEG PHASING @ 7930' & 8450', POOH & RD WLS, RIH W/ 4 1/2" HD PKR, 1 JT, SN & 2 3/8" TBG, SET PKR @ 7952', RU HES REV CIRC THRU SQZ HOLES UP TBG 16 BBLS DIE @ 2650# 4 BPM, 124 BBLS 2% KCL TO GET BCK DIE, RLS PKR, POOH W/ 2 3/8" TBG W/ EOT @ 5000', SWI. SDFN.
(DAY 7)
- 02/17/00** **WO CMT, DRL OUT 02/18/00.** SICP & SITP 2750#, BLOW DWN, CIRC WELL W/ 3% KCL, POOH W/ 2 3/8" TBG. SN & 4 1/2" HD PKR, RU CUTTERS WLS RIH & SET CMT RET @ 7945', POOH & RD WLS, RIH W/ STINGER & 2 3/8" TBG, STING INTO RET, BRK CIRC, TST TBG TO 1100# OK, CIRC WELL W/ 180 BBLS 3% KCL, PMP 10 BBLS MUD FLUSH, 10 FRESH WTR, 27.5 BBLS, 14.34# CMT 125 SX'S, W/ GAS CK, DISPLACE W/ 30 BBLS FRESH WTR, POOH W/ 2 3/8" TBG W/ EOT @ 7125'. REV CIRC W/ 60 BBLS WTR, SWI, W/ 1000# ON WELL. SDFN.
(DAY 8)
- 02/19/00** **RIH W/ TBG & DRILL OUT CMT.** SICP-1750 PSI, SITP-1700 PSI, BLOW WELL DN, IN 1 MIN. POOH W/ 2 3/8" TBG & LD STINGER. PU 3 7/8" BIT, B.S., 1 JT SN & RIH W/ 2 3/8" TBG. TAG CMT @ 7360'. RU SEIVEL & B/ CIRC W/ 3% KCL. DRILL CMT F/ 7360' TO 7907'. CIRC HOLE CLEAN. RD SWVL & POOH W/ 2 3/8" TBG. EOT @ 6900'. PRESS UP 1000 SPI & LEAVE ON WELL. SWIFN.
(DAY 9)

03/04/00 WELL SI FOR BUILD UP. RU & SWAB IFL-2000'. MADE 1 RUN REC 5 BBL, FFL 3000'. RIG ENGINE BLEW UP BEARINGS ON CRANK SHAFT. RD SWAB REMOVED ENGINE & TOOK TO SMITH DETROIT IN VERNAL. W.O. DELSCO. MIRU DELSCO RIG #3. RU & SWAB IFL

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2000'. MADE 5 RUNS, REC 35 BBLS. WELL STARTED FLOWING SICP 950 PSI. FTP 140 PSI ON 64/64 CHK. FLOW WELL 64/64 CK, SICP 650 PSI. FTP 40 PSI, REC 30 BBL. SWIFN & FOR BUILD UP.
(DAY 19)

03/05/00 WELL ON PROD. SICP 1450 PSI, SITP 1300 PSI. FLOW WELL 16/64 CH DIED 1 HR. RU & SWAB FFL-2000, MADE 1 RUN, REC 6 BBL. FLOW ON 64/64 CH 30 MIN. PUT WELL TO SALES. WELLON SALES 12/64 CH, SICP 850, FTP 330 PSI. REC 79 BBL.
(DAY 20)

03/06/00 PROG: FLWD 24 HRS ON 12/64" CHK. CP: 750# TO 720#, FTP: 260#, AVG 3 BWPH. REC 73 BW, EST PROD RATE: 220 MCFPD.

03/07/00 PROG: FLWD 24 HRS ON 16/64" CK, AVG CP: 800#, AVG FTP: 255#, AVG 3 BWPH, LP: 266#.

03/10/00 FLWG TO SALES. FLWD BACK 24 HRS, CP: 730#, FTP: 300#, LP: 265#, 32/64" CK, AVG 3.5 BWPH, SPOT GAS RATE: 28 MCFPD.

03/11/00 PREP TO POOH W/ TBG. RIH W/ 4 1/2" 10K CBP. SET CBP @ 8330'. UNABLE TO RLS F/ CBP. PULL OUT OF ROPE SOCKET. RIH W/ OS, BS, & JARS. LATCH SETTING TOOL & POOH.
(DAY 21)

3/12/00 PREP TO BRK DN PERFS. PRESS TST CSG TO 3000#, HELD 15 MIN. PERF THE LWR MESA VERDE F/ 8066' - 8071', 6 SPF, 30 HOLES; 7994' - 7997', 6 SPF, 18 HOLES; 7989' - 7991', 6 SPF, 12 HOLES; 7960' - 7965', 6 SPF, 30 HOLES; 7871' - 7876', 6 SPF, 30 HOLES; 7855' - 7860', 6 SPF, 30 HOLES, & 7826' - 7830', 6 SPF, 24 HOLES; 0 PRESS. PU & SIH W/ 4 1/2" HD 10K RBP & PKR. EOT @ 7700'.
(DAY 22)

3/13/00 PREP TO FRAC ON 3/14/00. SITP: 2200#, SICP: 2950#. BRK DN PERFS F/ 8066' - 8071' W/ 4218## @ 1/2 BPM. ISIP: 2420#. BRK DN PERFS F/ 7994' - 7989'. BRK DN W/ 4826# @ 4 BPM. ISIP: 2513#. BRK DN PERFS 7960' - 7965' W/ 3201# @ 2.1 BPM. ISIP: 2539#. BRK DN PERFS F/ 7871' - 7855' W/ 2775# @ 1.7 BPM. BRK DN PERFS F/ 7826' - 7830' W/ 2979# @ 2.3 BPM. ISIP: 2630#. POOH W/ TBG, RBP & PKR.
(DAY 23)

03/14/00 FRAC MESA VERDE. WO FRAC CREW.

03/15/00 PREP TO DO CBP'S.
PROG: SICP: 2950#. FRAC MESA VERDE PERF'S F/ 7826' TO 8071' W/ 162,500# 20/40 PR-6000 & 25 DELTA FLUID. MTP: 5062#, ATP: 3200#, MTR: 45.9 BPM, ATR: 45 BPM. ISIP: 2858#, FG: 0.80, TL: 1468 BBLS. SET CBP @ 7810'. PERF LWR MESA VERDE F/ 7740' - 7750', 6 SPF, 60 HOLES; 7679' - 7684', 6 SPF, 30 HOLES, & 7646' - 7650', 6 SPF, 24 HOLES. PRESS: 1500#. BRK DN PERFS W/ 3975# @ 20.2 BPM. FRAC W/ 164,900# 20/40 PR-6000. MTP: 4328#, ATP: 3300#, MTR: 45.4 BPM, ATR: 44.8 BPM. ISIP: 3052#, FG: 0.84, TL: 1395 BBLS. SET CBP @ 6520'. PU & RIH W/ 3 7/8" TOOTH BIT. EOT @ 6488'.
(DAY 24)

03/16/00 FLWG BACK.
PROG: DO CBP'S @ 6520', 7800' & 8330'. CO TO PBD @ 8623'. PU & LAND TBG @ 8380', SN @ 8346'. NU WH. OPEN WELL TO FLOW BACK TNK ON 22/64" CHK. FLOW BACK 11 HRS. CP: 2400# TO 2200#, FTP: 1800# TO 1450#, 180 BWPH TO 20 BWPH. MED - LIGHT SD. REC 825 BLW, LLTR: 438 BBLS.
(DAY 25)

03/17/00 FLWG TO SALES.
PROG: CONNECTED TO SALES @ 8:30 AM ON 3/16/00. SPOT PROD VOLUMES: FTP: 1500#, CP: 2250#, 22/64" CHK, LP: 280#, 2500 MCFPD, LLTR: 379 BBLS.
(DAY 26)

03/18/00 PROG: FLWD 2290 MCF, 235 BW, FTP: 1480#, CP: 1980#, 17/64" CHK, 24 HRS, LP: 311#, LLTR: 144 BBLS (OPEN CHK TO 19/64").

03/19/00 PROG: FLWD 2456 MCF, 248 BW, FTP: 1050#, CP: 1550#, 19/64" CHK, 24 HRS, LP: 314#, LLTR: 104 BBLS OVER LOAD.

03/20/00 PROG: FLWD 2195 MCF, 132 BW, FTP: 950#, CP: 1400#, 20/64" CHK, 24 HRS, LP: 314#, REC 236 BBLS OVERLOAD (OPEN TO 22/64" CHK).

03/21/00 PROG: FLWD 2153 MCF, 120 BW, FTP: 700#, CP: 1240#, 22/64" CHK, 24 HRS, LP: 308#, REC 356 BBLS OVERLOAD
IP DATE: 3/18/00. FLWG F/ LWR MESA VERDE 2456 MCF, 248 BW, FTP: 1050#, CP: 1550#, 19/64" CHK, 24 HRS, LP: 314#.

FINAL REPORT.

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APR 03 2000

**DIVISION OF
OIL, GAS AND MINING**



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APR 17 2000

DIVISION OF
OIL, GAS AND MINING

April 14, 2000

Ms. Carol Daniels
State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

RE: Well Completions Reports

Dear Carol:

The following well completion sundries, State of Utah Form 8 and BLM Form 3160-4, are enclosed, for the week ending April 14, 2000:

Ankerpont 31-86	SE SW	Section 31-T8S-R21E
CIGE 216	SW NE	Section 15-T9S-R21E
Federal 6-100	SE NE	Section 6-T9S-R21E
NBU 222	SW NE	Section 11-T10S-R22E
NBU 299	SW NE	Section 16-T9S-R21E
Tribal 31-98	NW SE	Section 31-T8S-R22E

If you have any questions or need additional information regarding the above referenced wells, please contact me at (435) 781-7021.

Sincerely,

Deanna Bell
Environmental Secretary

Enclosures

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. U-01194-A-ST	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 1148, Vernal UT 84078						8. FARM OR LEASE NAME Natural Buttes Unit #222	
4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements) At surface SWNE 1667' FNL & 2602' FEL At top prod. interval reported below						9. WELL NO. 43-047-32509	
At total depth						10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
14. APINOL: 43-047-32509 DATE ISSUED: 12/9/99						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T10S, R22E	
15. DATE SPUDDED: 1/7/00						12. COUNTY Utah	
16. DATE T.D. REACHED: 2/3/00						13. STATE Utah	
17. DATE COMPL. (Ready to prod.) or (Plug & Abd.): 3/17/00						18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5034' GR	
19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 9600'		21. PLUG, BACK T.D., MD & TVD 9517'		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) WSMVD per Unit Spacing L. Mesaverde 8654-8666, 8460-82, 8403-08, 8380-87, 7994-97, 7989-7991, 7960-65, 7871-76, 7855-7860						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL-CCL-GR						27. Was Well Cored YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
4 1/2"	11.6#	9600'	6 1/4"	85 sx Hi Fill			
				405 50/50 POZ			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8380'	
31. PERFORATION RECORD (Interval, size and number) L. Mesaverde 8654-8666 (132 H's) 8403-08 (30 H's) 8380-87 (42) 7994-7997 (18) 7989-91 (12 H's) 7960-65 (30) 7871-76 (30) 7855-60 (30) 7826-30 (24) 7740-50 (60) 7679-7684 (30) 7646-7650 (24)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED Refer to Chrono's			
33. PRODUCTION							
DATE FIRST PRODUCTION 3/17/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/18/00	HOURS TESTED 24	CHOKE SIZE 19/64	PROD'N. FOR TEST PERIOD →	OIL - BBL. 0	GAS - MCF. 2456	WATER - BBL. 248	GAS - OIL RATIO 0
FLOW. TUBING PRESS. 1050	CASING PRESSURE 1550	CALCULATED 24-HOUR RATE →	OIL - BBL. 0	GAS - MCF. 2456	WATER - BBL. 248	OIL GRAVITY - API (CORR.) 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold Used for fuel						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Chronological Well History							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Sheila Upchego</i>				TITLE Environmental Jr. Analyst		DATE 4/5/00	

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).				38. GEOLOGIC MARKERS	
Formation	Top	Bottom	Description, contents, etc.	Name	Top Meas. Depth True Vert. Depth
Green River	1120'	4032'	<div>CONFIDENTIAL</div> <div>RECEIVED</div> <div>APR 17 2000</div> <div>DIVISION OF OIL, GAS AND MINING</div>		
Wasatch	4032'	6246'			
Mesaverde	6246'				

COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS

CHRONOLOGICAL HISTORY

CONFIDENTIAL

NBU #222

SW1/4NE1/4, SEC. 11, T10S, R22E

Natural Buttes Field

Uintah County, UTPBD: 6852'

TD: 6900'

Perfs: 4652'-6720'

Csg: 7" 23# @ 6896'

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Page 1

APR 17 2000

DIVISION OF
OIL, GAS AND MINING

AFE: 28912 DEEPEN TO C.G.

- 02/09/00** **PU & RIH W/ 2 3/8" N-80 TBG.** MIRU RIG & EQUIP, NDWH, NUBOP, TST TO 10,000# OK, PU & RIH W/ 3 7/8" DB, 1 JT, SN & 2 3/8" N-80 TBG W/ EOT @ 2200' SWI. SDFN.
(DAY 1)
- 02/10/00** **RU WLS & LOG.** PU & RIH W/ 2 3/8" N-80 TBG, TAG @ 9500', CIRC W/ 150 BBLS 3% KCL, POOH W/ 2 3/8" TBG, SN, 1 JT & 3 7/8" DB, SWI. SDFN.
(DAY 2)
- 02/11/00** **PERF.** RU SCHLUMBERGER WLS RIH & LOG W/ CBL/CCL/GR/TEMP F/ 9475' PBD TO SURF W/ 1000# ON CSG, RIH W/ NC, 1 JT, SN & 2 3/8" TBG EOT @ 6100'. RU SWAB & SWAB DWN TO 4000'. POOH, PREP TO PERF. SWI, SDFN.
(DAY 3)
- 02/12/00** **SWAB ON WELL.** RU SCHLUMBERGER & RIH W/ 3 3/8" PWER JET EXP GUN 0.45 EHD 60 DEG PHASING. PERF @ 8654'-8666' 6 SPF. FL-3840' PRESS 0 PSI. POOH & RD SCHLUMBERGER. PU NC & RIH W/ 2 3/8" TBG. EOT @ 8653'. RU HES & BRK DWN PERF F/ 8654-8666' W/ 25 BBL 3% KCL. BRK W/ 5347 PSI @ 4.5 BPM. ISIP-2632 PSI, 5 MIN 2398 PSI, 10 MIN 2334 PSI, 15 MIN 2286 PSI. AP-5180 PSI, AR-4.5 BPM. TOTAL LOAD 25 BBL. RD HES & FLOW WELL TO PIT REC 23 BBL. RU & SWAB IFL-SURF. MADE 4 RUNS REC 37 BBLS, FFL 1000'. SWIFN.
(DAY 4)
- 02/13/00** **SWAB ON WELL MONDAY MORNING.** SICP-2000 PSI. SITP -2000 PSI. BLOW WELL DN REC 38 BBL. RU & SWAB IFL-SURF. MADE 10 RUNS, REC 82 BBL, FFL 4800'. PULL F/SN @ 8620' GAS CUT FLUID. SICP-200 PSI, FTP-LIGHT BLOW. REC 34 BBL OVER LOAD & CSG. 6 BBL EVERY 1/2 HR. SWIFD.
(DAY 5)
- 02/15/00** **RIH W/ CIBP.** SICP-1850#, SITP-2350#, BLOW DWN IN 30 MINS GAS, RU SWAB, IFL-600', FFL -6200', 4 1/2 HRS, 10 RUNS, 75 BBLS WTR, FINAL CP-250#, RD SWAB. POOH W/ 2 3/8" TBG, SN, 1 JT & NC, SWI, SDFN.
(DAY 6)
- 02/16/00** **POOH & RIH W/ CMT RET.** SICP-800#, BLOW DWN IN 20 MIN GAS, RU CUTTERS WLS SET CIBP @ 8640' W/ 1 SX CMT ON TOP, SQZ PERF W/ 3 1/8" CSG GUNS 4 SPF 90 DEG PHASING @ 7930' & 8450', POOH & RD WLS, RIH W/ 4 1/2" HD PKR, 1 JT, SN & 2 3/8" TBG, SET PKR @ 7952', RU HES REV CIRC THRU SQZ HOLES UP TBG 16 BBLS DIE @ 2650# 4 BPM, 124 BBLS 2% KCL TO GET BCK DIE, RLS PKR, POOH W/ 2 3/8" TBG W/ EOT @ 5000', SWI. SDFN.
(DAY 7)
- 02/17/00** **WO CMT, DRL OUT 02/18/00.** SICP & SITP 2750#, BLOW DWN, CIRC WELL W/ 3% KCL, POOH W/ 2 3/8" TBG. SN & 4 1/2" HD PKR, RU CUTTERS WLS RIH & SET CMT RET @ 7945', POOH & RD WLS, RIH W/ STINGER & 2 3/8" TBG, STING INTO RET, BRK CIRC, TST TBG TO 1100# OK, CIRC WELL W/ 180 BBLS 3% KCL, PMP 10 BBLS MUD FLUSH, 10 FRESH WTR, 27.5 BBLS, 14.34# CMT 125 SX'S, W/ GAS CK, DISPLACE W/ 30 BBLS FRESH WTR, POOH W/ 2 3/8" TBG W/ EOT @ 7125'. REV CIRC W/ 60 BBLS WTR, SWI, W/ 1000# ON WELL. SDFN.
(DAY 8)
- 02/19/00** **RIH W/ TBG & DRILL OUT CMT.** SICP-1750 PSI, SITP-1700 PSI, BLOW WELL DN, IN 1 MIN. POOH W/ 2 3/8" TBG & LD STINGER. PU 3 7/8" BIT, B.S., 1 JT SN & RIH W/ 2 3/8" TBG. TAG CMT @ 7360'. RU SEIVEL & B/ CIRC W/ 3% KCL. DRILL CMT F/ 7360' TO 7907'. CIRC HOLE CLEAN. RD SWVL & POOH W/ 2 3/8" TBG. EOT @ 6900'. PRESS UP 1000 SPI & LEAVE ON WELL. SWIFN.
(DAY 9)
- 02/20/00** **RIH W/ 2 3/8" TBG & F/ DRILL OUT CMT.** SICP 1600 PSI, SITP-1600 PSI, BLOW WELL DN IN 1 MIN. RIH W/ 2 3/8" TBG. TAG CMT @ 7907'. RU SWVL & B/ CIRC W/ 3% KCL. DRILL CMT F/ 7907 TO 7945', DRILL RET @ 7945, DRILL CMT F/ 7947 TO 8146, CIRC HOLE CLEAN. RD SWVL & POOH W/ 2 3/8" TBG. EOT @ 7000'. DRAIN UP PUMP & LINES. SWIFN.
(DAY 10)

02/22/00

RU WLS & LOG SQZ. SICP & SITP 0#. RIH W/ 2 3/8" TBG W/ EOT @ RU PWR SWVL, BRK CIRC & DRL OUT CMT TO 8455', RD PWR SWVL . RIH TO 8623', CIRC CLEAN W/ 160 BBLs 3% KCL, POOH W/ 2 3/8" TBG & 3 7/8 BIT, SWI. SDFN.
(DAY 11)

02/23/00

CK LOG. SICP-0#, RU SCHLUMBERGER WLS RIH W/CBL/CCL/GR, LOG F/ 8600' TO 7500' W/ 1000# ON CSG, POOH AND RD WLS, SWI. SDFN.NOTE; CSG HELD W/ 1000# ON IT.
(DAY12)

02/25/00

RIH W/PKR AND PLUB W/ SNB UNIT. RU SCHLUMBERGER WJS RIH AND PERF LMV W/3 3/8' PJ GUNS. 6 SPF, 60 DEG PHASING AS FOLLOWS, 8460'-82 (132 HOLES)400#, 1250# WHEN WE GOT OOH, 8403'-08' (30 HOLES), 8380'-87'(42 HOLES) STILL 1250#, POOH AND RD WLS, FLOW WELL DWN.

FCP	CHOKE	WTR
400#	16/64'	85 BBLs
400#	"	35 BBLs

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(DAY13)

02/26/00

FLOW WELL AFTER BRK DN PERF (8380'-8482'). FLOW WELL ON 64/64 CH FCP-25 PSI. PU 4 1/2 RBP,REY TOOL, 10'PUP,4 1/2 PKR, 4'PUP, XN NIPPLE, 1 JT TBG, X NIPPLE AND R.I.H W/23/8 TBG. SET RBP @ 8520' AND PUH SET PKR @ 8510'. PRESS TEST TOOL 3000 PSI (OK)RELEASE PKR @ 8510' AND PUH TO 8435'. RU HES AND PICKLE TBG W/3 BBL 15% HCL. SPOT 250 GAL 15% HCL END TBG. SET PKR @ 8435'. BREAKDOWN PERF F/8460'-82'.BRK W/4521 PSI @ 4.6 BPM PUMP 20 BBL 3% KCL IN FORMATION.ISIP-2114 PSI 5 MIN 1778 PSI AP-4480 PSI AR-4.6 BPM TOTAL LOAD=30BBL. RELEASE PKR AND R.I.H LATCH RBP. RELEASE RBP @ 8520'. PUH AND SET RBP @ 8430'. PUH W/PKR TO 8338'. SPOT 250 GAL 15% HCL TO END TBG. SET PKR @ 8338'. BREAKDOWN PERF F/8380'-8408'. BRK W/5000 PSI @ 3.6 BPM. PUMP 20 BBL 3% KCL IN FORMATION. ISIP-2535 PSI 5 MIN 2376 PSI AP-4870 PSI AR-4.1 BPM TOTAL LOAD=30 BBL. RELEASE PKR @ 8338' AND RD HES. R.I.H LATCH ON RBP AND RELEASE. R.I.H SET RBP @ 8520'. PUH SET PKR @ 8342' EOT @ 8354' XN NIPPLE @ 8332' W/261 JTS. 4.7 N-80 TBG. HOOK UP FLOWLINE TO MANIFLOD. FLOW WELL ON 32/64 CH SICP-O PSI FTP-450 PSI LEAVE WELL W/DELSCO TESTER SDFN W/RIG CREWS.
(DAY14)

02/27/00

FLOW WELL AFTER BRK DN PERF (8380'-8482'). FLOW WELL ON 20/64 CH FTP- 200 PSI REC- 2.5 BBL. FLOW WELL ON 20/64 CH FTP-200 PSI REC-5 BBL. FLOW WELL ON 16/64 CH FTP-260 PSI REC-0 BBL. FLOW WELL ON 16/64 CH FTP-260 PSI REC-2.5 BBL.FLOW WELL ON 16/64 CH-275 PSI REC-0 BBL.FLOW WELL ON 16/64 CH FTP- 250 PSI REC- 2.5 BBL.FLOW WELL ON 18/64 CH FTP-240 PSI REC-375 BBL. FLOW WELL ON 18/64 CH FTP-200 PSI REC-32.5 BBL.FLOW WELL ON 18/64 CH FTP-175 PSI REC- 1.25 BBL. REC- 20 BBL IN 9 HRS AVE 2.2 BBL PER HR. SDFN W/RIG CREWS AND LEAVE WELL W/DELSCO TESTER.
(DAY 15)

02/29/00

FRAC 9:00 AM. SICP-400#, BLOW DWN, FILL CSG W/6 BLS 3% KCL, TST TO 1000# F/15 MINS LOST 25#, RLS 4 1/2" PKR @ 8355', RIH & RET BP @ 8520', POOH W/2 3/8" TBG, 4 1/2" PKR & BP, SWI. SDFN.
(DAY 16)

03/01/00

RU HES, FRAC LMV PERF'S 8482'-8380', W/20/40 PR 6000 & 20# DELTA SICP-877#, MP-4284#, AP-3100#, MR-46.1 BPM, AR-44.5 BPM ISIPP-2550#, 5 MIN-2460#, FG .74# TTL LOAD 737 BBLs, 74500# SAND, RD HES, FLOW BCK AFTER FRAC.

FCP	CHOKE	BBL WTR	SAND
2125#	14/64"	98	NO
2025#	"	88	LITE
1375#	"	67	"
1250#	16/64	43	NO
850#	"	31	"
625#	"	23	"
500#	"	26	"
500#	"	40	"
600#	"	26	"

SDFN TURN OVER TO FLOW BCK CREW.
(DAY 17)

03/03/00

FLOW WELL. RU CUTTERS WLS, RIH AND RUN GR LOG F/8536 TO 7700', POOH & RD WLS, CHANGEOUT RAMS, RIH W/NC, 1JT, X NIPPLE & 2 3/8" TBG EOT @ 8399', NU FLOW LINE TO TBG & TURN OVER TO FLOW BCK CREW. SDFN.
(DAY 18)

03/04/00

WELL SI FOR BUILD UP. RU & SWAB IFL-2000'. MADE 1 RUN REC 5 BBL, FFL 3000'. RIG ENGINE BLEW UP BEARINGS ON CRANK SHAFT. RD SWAB REMOVED ENGINE & TOOK TO SMITH DETROIT IN VERNAL. W.O. DELSCO. MIRU DELSCO RIG #3. RU & SWAB IFL 2000'. MADE 5 RUNS, REC 35 BBLs. WELL STARTED FLOWING SICP 950 PSI. FTP 140 PSI ON 64/64 CHK. FLOW WELL 64/64 CK, SICP 650 PSI. FTP 40 PSI, REC 30 BBL. SWIFN & FOR BUILD UP.
(DAY 19)

03/05/00 WELL ON PROD. SICP 1450 PSI, SITP 1300 PSI. FLOW WELL 16/64 CH DIED 1 HR. RU & SWAB FFL-2000, MADE 1 RUN, REC 6 BBL. FLOW ON 64/64 CH 30 MIN. PUT WELL TO SALES. WELLON SALES 12/64 CH, SICP 850, FTP 330 PSI. REC 79 BBL.
(DAY 20)

03/06/00 PROG: FLWD 24 HRS ON 12/64" CHK. CP: 750# TO 720#, FTP: 260#, AVG 3 BWPH. REC 73 BW, EST PROD RATE: 220 MCFPD.

03/07/00 PROG: FLWD 24 HRS ON 16/64" CK, AVG CP: 800#, AVG FTP: 255#, AVG 3 BWPH, LP: 266#.

03/10/00 FLWG TO SALES. FLWD BACK 24 HRS, CP: 730#, FTP: 300#, LP: 265#, 32/64" CK, AVG 3.5 BWPH, SPOT GAS RATE: 28 MCFPD.

03/11/00 PREP TO POOH W/ TBG. RIH W/ 4 1/2" 10K CBP. SET CBP @ 8330'. UNABLE TO RLS F/ CBP. PULL OUT OF ROPE SOCKET. RIH W/ OS, BS, & JARS. LATCH SETTING TOOL & POOH.
(DAY 21)

3/12/00 PREP TO BRK DN PERFS. PRESS TST CSG TO 3000#, HELD 15 MIN. PERF THE LWR MESA VERDE F/ 8066' - 8071', 6 SPF, 30 HOLES; 7994' - 7997', 6 SPF, 18 HOLES; 7989' - 7991', 6 SPF, 12 HOLES; 7960' - 7965', 6 SPF, 30 HOLES; 7871' - 7876', 6 SPF, 30 HOLES; 7855' - 7860', 6 SPF, 30 HOLES, & 7826' - 7830', 6 SPF, 24 HOLES; 0 PRESS. PU & SIH W/ 4 1/2" HD 10K RBP & PKR. EOT @ 7700'.
(DAY 22)

3/13/00 PREP TO FRAC ON 3/14/00. SITP: 2200#, SICP: 2950#. BRK DN PERFS F/ 8066' - 8071' W/ 4218## @ 1/2 BPM. ISIP: 2420#. BRK DN PERFS F/ 7994' - 7989'. BRK DN W/ 4826# @ 4 BPM. ISIP: 2513#. BRK DN PERFS 7960' - 7965' W/ 3201# @ 2.1 BPM. ISIP: 2539#. BRK DN PERFS F/ 7871' - 7855' W/ 2775# @ 1.7 BPM. BRK DN PERFS F/ 7826' - 7830' W/ 2979# @ 2.3 BPM. ISIP: 2630#. POOH W/ TBG, RBP & PKR.
(DAY 23)

03/14/00 FRAC MESA VERDE. WO FRAC CREW.

03/15/00 PREP TO DO CBP'S.
PROG: SICP: 2950#. FRAC MESA VERDE PERF'S F/ 7826' TO 8071' W/ 162,500# 20/40 PR-6000 & 25 DELTA FLUID. MTP: 5062#, ATP: 3200#, MTR: 45.9 BPM, ATR: 45 BPM. ISIP: 2858#, FG: 0.80, TL: 1468 BBLS. SET CBP @ 7810'. PERF LWR MESA VERDE F/ 7740' - 7750', 6 SPF, 60 HOLES; 7679' - 7684', 6 SPF, 30 HOLES, & 7646' - 7650', 6 SPF, 24 HOLES. PRESS: 1500#. BRK DN PERFS W/ 3975# @ 20.2 BPM. FRAC W/ 164,900# 20/40 PR-6000. MTP: 4328#, ATP: 3300#, MTR: 45.4 BPM, ATR: 44.8 BPM. ISIP: 3052#, FG: 0.84, TL: 1395 BBLS. SET CBP @ 6520'. PU & RIH W/ 3 7/8" TOOTH BIT. EOT @ 6488'.
(DAY 24)

03/16/00 FLWG BACK.
PROG: DO CBP'S @ 6520', 7800' & 8330'. CO TO PBTD @ 8623'. PU & LAND TBG @ 8380', SN @ 8346'. NU WH. OPEN WELL TO FLOW BACK TNK ON 22/64" CHK. FLOW BACK 11 HRS. CP: 2400# TO 2200#, FTP: 1800# TO 1450#, 180 BWPH TO 20 BWPH. MED - LIGHT SD. REC 825 BLW, LLTR: 438 BBLS.
(DAY 25)

03/17/00 FLWG TO SALES.
PROG: CONNECTED TO SALES @ 8:30 AM ON 3/16/00. SPOT PROD VOLUMES: FTP: 1500#, CP: 2250#, 22/64" CHK, LP: 280#, 2500 MCFPD, LLTR: 379 BBLS.
(DAY 26)

03/18/00 PROG: FLWD 2290 MCF, 235 BW, FTP: 1480#, CP: 1980#, 17/64" CHK, 24 HRS, LP: 311#, LLTR: 144 BBLS (OPEN CHK TO 19/64").

03/19/00 PROG: FLWD 2456 MCF, 248 BW, FTP: 1050#, CP: 1550#, 19/64" CHK, 24 HRS, LP: 314#, LLTR: 104 BBLS OVER LOAD.

03/20/00 PROG: FLWD 2195 MCF, 132 BW, FTP: 950#, CP: 1400#, 20/64" CHK, 24 HRS, LP: 314#, REC 236 BBLS OVERLOAD (OPEN TO 22/64" CHK).

03/21/00 PROG: FLWD 2153 MCF, 120 BW, FTP: 700#, CP: 1240#, 22/64" CHK, 24 HRS, LP: 308#, REC 356 BBLS OVERLOAD
IP DATE: 3/18/00. FLWG F/ LWR MESA VERDE 2456 MCF, 248 BW, FTP: 1050#, CP: 1550#, 19/64" CHK, 24 HRS, LP: 314#.

FINAL REPORT.

CONFIDENTIAL

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APR 17 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 18 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

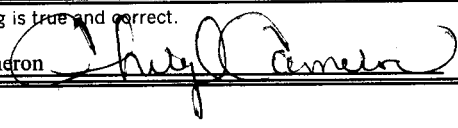
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals</small>		6. Lease Designation and Serial Number U-01194-A-ST
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		9. Well Name and Number NBU #222
2. Name of Operator Coastal Oil & Gas Corporation		10. API Well Number 43-047-32509
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	11. Field and Pool, or Wildcat NATUTAL BUTTES
5. Location of Well Footage : 1667' FNL & 2602' FEL County : UINTAH QQ, Sec. T., R., M. : SW/NE SEC. 11, T10S, R22E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____		<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____
Approximate Date Work Will Start _____		Date of Work Completion <u>6/5/01</u> <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please refer to the attached Acid/Clean-Out work performed on the subject well.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron  Title Regulatory Analyst Date 06/06/01
 (State Use Only)

**COASTAL OIL & GAS CORPORATION
PRODUCTION REPORTS**

CHRONOLOGICAL HISTORY

NBU #222

SW1/4NE1/4, SEC. 11, T10S, R22E
Natural Buttes Field
Uintah County, UT

Page 1

AFE# 054735

AFE DISCRIPTION: CLEAN OUT

5/25/01 ROAD RIG & EQUIP FROM NBU #244 TO NBU #222
RIG UP & EQUIP WELL STILL ON PROD

5/30/01 7AM TBG. PRESS. = 0. CSG. PRESS. = 175 PSI. BLOW WELL DN. PMP
40 BBLS 2% KCL TO KILL WELL. ND WELL HEAD, NU BOP, RIG UP
FLOOR & TBG. EQUIP. RIH, TAG @ 8385' P.O.O.H. W/ 263 JTS 2-3/8"
4.7 # N-80 TBG.
1PM PU 3-7/8" BIT, RIH, EOT @ 7800'
4PM SWIFN

5/31/01 RIH TO 8483'
MIRU. BLEW WELL DN. TOP KILLED W/40 BBLS 2% KCL. ND TREE & NUBOP. RIH &
TAGGED @ 8385'. POOH W/TBG. PU 3 7/8" BIT & RIH. EST CIRC W/AIR FOAM.
DRILLED OUT SCALE TO 8548'. CIRC CLEAN. POOH W/TBG. PU NC, 1 JT, & SN. RIH
ON 2 3/8" N-80 TO 7350'.

6/1/01 WO ACID TRUCK
SI WO ACID TRUCK.

6/4/01 RETURN TO SALES
6/2/01 SITP: 100#, SICP: 1500#. BLOW DN. SPOT 1000 GALS 15% HCL ACROSS PERF
INTERVAL. PU & LAND TBG @ 8153'. RDMO.
6/3/01 SITP: 600#, SICP: 1300#. BLOW DN. RECOVER 30 BLW. RETURN TO PROD ON
64/64" CHK, FTP: 300#, CP: 900#, TLTR: 1870 BBLS, TLR: 30 BBLS, LLTR: 157 BBLS.
6/4/01 NO REPORT.

6/5/01 ON SALES
FLWD 741 MCF, 75 BW, FTP: 177#, CP: 588#, 64/64" CHK, 24 HRS, LP: 92#. **FINAL
REPORT.** PRIOR PROD: 520 MCFPD.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

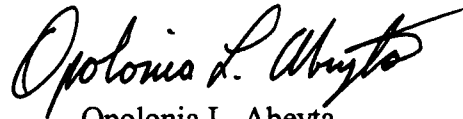
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, UGGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM: (Old Operator):**

COASTAL OIL & GAS CORPORATION
 Address: 9 GREENWAY PLAZA STE 2721
 HOUSTON, TX 77046-0995
 Phone: 1-(713)-418-4635
 Account N0230

TO: (New Operator):

EL PASO PRODUCTION OIL & GAS COMPANY
 Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
 HOUSTON, TX 77046-0995
 Phone: 1-(832)-676-4721
 Account N1845

CA No.**Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 146-16-10-21	43-047-32021	2900	16-10S-21E	STATE	GW	P
CIGE 168-16-10-21	43-047-32123	2900	16-10S-21E	STATE	GW	P
CIGE 210-16-10-21	43-047-32888	2900	16-10S-21E	STATE	GW	P
CIGE 247	43-047-33639	2900	16-10S-21E	STATE	GW	P
CIGE 358	43-047-33708	2900	16-10S-21E	STATE	GW	P
NBU CIGE 20-20-10-21	43-047-30485	2900	20-10S-21E	STATE	GW	S
NBU 75	43-047-31103	2900	20-10S-21E	STATE	GW	S
NBU 3-2B	43-047-30267	2900	02-10S-22E	STATE	GW	P
CIGE 10-2-10-22	43-047-30425	2900	02-10S-22E	STATE	GW	P
CIGE 67A-2-10-22P	43-047-30938	2900	02-10S-22E	STATE	GW	P
NBU 217-2	43-047-31282	2900	02-10S-22E	STATE	GW	P
CIGE 144-2-10-22	43-047-32022	2900	02-10S-22E	STATE	GW	P
CIGE 161-2-10-22	43-047-32168	2900	02-10S-22E	STATE	GW	P
CIGE 195-2-10-22	43-047-32797	2900	02-10S-22E	STATE	GW	P
NBU CIGE 23-7-10-22	43-047-30333	2900	07-10S-22E	STATE	GW	P
NBU 207 (CA NW-135)	43-047-32329	2900	10-10S-22E	STATE	GW	P
NBU 222	43-047-32509	2900	11-10S-22E	STATE	GW	P
NBU 272	43-047-32889	2900	11-10S-22E	STATE	GW	DRL
NBU 31-12B	43-047-30385	2900	12-10S-22E	STATE	GW	P
NBU 24	43-047-30535	2900	12-10S-22E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 07/20/2001
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 07/20/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond No: N/A
2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been MICROFILMED on: 8.20.01

FILING:

1. ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

TPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

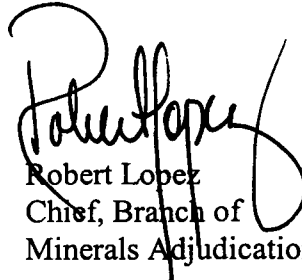
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

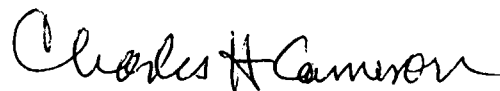
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





IN REPLY REFER TO:
Real Estate Services

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: _____

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 20005. Lease Serial No.
SEE ATTACHED EXHIBIT "A"
6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other**SUCCESSOR OF
OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS & MINING

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 180	10-10S-22E	43-047-32113	2900	FEDERAL	GW	P
NBU 247	10-10S-22E	43-047-32977	2900	FEDERAL	GW	P
NBU 249	10-10S-22E	43-047-32978	2900	FEDERAL	GW	S
NBU 293	10-10S-22E	43-047-33182	2900	FEDERAL	GW	P
NBU 345	10-10S-22E	43-047-33704	2900	FEDERAL	GW	P
NBU 248	10-10S-22E	43-047-34079	2900	FEDERAL	GW	P
NBU 367	11-10S-22E	43-047-33707	2900	STATE	GW	P
NBU 347	11-10S-22E	43-047-33709	2900	STATE	GW	P
NBU 348	11-10S-22E	43-047-34001	2900	STATE	GW	P
NBU 349	11-10S-22E	43-047-34002	2900	STATE	GW	P
NBU 222	11-10S-22E	43-047-32509	2900	STATE	GW	P
NBU 272	11-10S-22E	43-047-32889	2900	STATE	GW	P
NBU 31	11-10S-22E	43-047-30307	2900	STATE	GW	P
NBU 394	11-10S-22E	43-047-34804	99999	STATE	GW	APD
NBU 153	11-10S-22E	43-047-31975	2900	FEDERAL	GW	S
NBU 31-12B	12-10S-22E	43-047-30385	2900	STATE	GW	P
NBU 24N2	12-10S-22E	43-047-30535	2900	STATE	GW	S
NBU 32-13B	13-10S-22E	43-047-30395	2900	STATE	GW	PA
NBU 38N2	13-10S-22E	43-047-30536	2900	STATE	GW	P
NBU CIGE 43-14-10-22	14-10S-22E	43-047-30491	2900	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/24/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/24/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL GAS & MINING

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval of This
Action is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Project Economics Worksheet

Instructions:

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.42	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

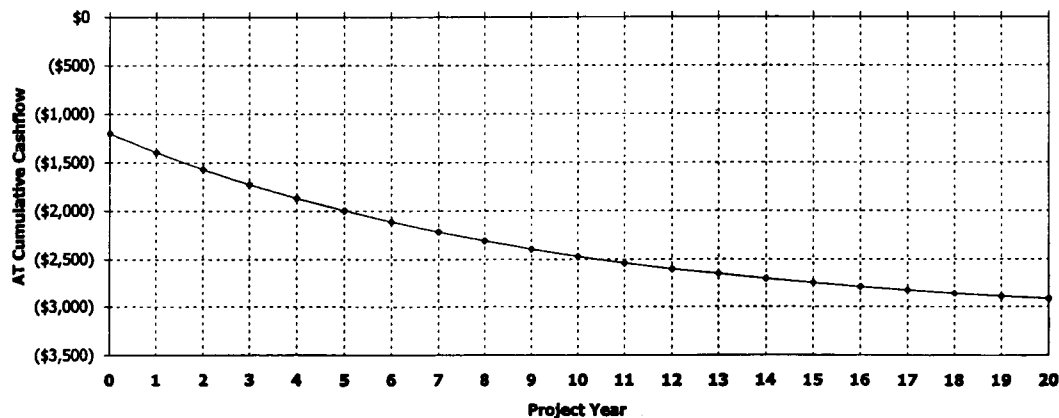
Gross Reserves:

Oil Reserves = 6 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NGL well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 149	5-10-22 NESE	UTU01191	891008900A	430473198200S1
NBU 150	9-10-22 SENW	UTU01196B	891008900A	430473199200S1
NBU 151	9-10-22 NWNW	UTU01196B	891008900A	430473199100S1
NBU 152	9-10-22 SESE	UTU01196D	891008900A	430473199000S1
NBU 153	11-10-22 SWNW	U01197A	891008900A	430473197500S1
NBU 154	26-9-21 NWSE	ML22934	891008900A	430473200300S1 ✓
NBU 155	31-9-22 SENW	ML23607	891008900A	430473200400S1 ✓
NBU 156	35-9-21 SWNW	U01194	891008900A	430473200500S1 ✓
NBU 157	32-9-22 SESW	ML22649	891008900A	430473200700S1 ✓
NBU 158	27-9-21 NWSE	U01194A	891008900A	430473199700S1 ✓
NBU 159SWD	35-9-21 NESW	U01194	891008900A	430473199600S1 ✓
NBU 161	32-9-22 SESE	ML22649	891008900A	430473202300S1 ✓
NBU 162	12-10-20 SENW	UTU4478	891008900A	430473206600S1
NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	19-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1
NBU 217	26-9-21 NESW	U05676	891008900A	430473248000S1
NBU 221X	34-9-21 NWNW	U01194A	891008900A	430473254500S1 ✓
NBU 222	11-10-22 SWNE	U01194A	891008900A	430473250900S1 ✓
NBU 223	26-9-21 NENW	U01194	891008900A	430473251700S1 ✓
NBU 224	26-9-21 NESW	U01194	891008900A	430473251600S1 ✓
NBU 228	17-9-21 SWSE	UTU0575	891008900A	430473263600S1
NBU 229	3-10-22 NWNE	UTU01191A	891008900A	430473259400S1
NBU 230A	3-10-22 SENE	UTU01191A	891008900A	430473290800S1
NBU 231	10-10-22 NWNE	U01197	891008900A	430473256100S1 ✓
NBU 236	30-9-22 SWNW	U463	891008900A	430473299400S1
NBU 242	5-10-22 SWSE	UTU01191	891008900A	430473294400S1
NBU 243	6-10-22 NWNW	UTU464	891008900A	430473293000S1
NBU 244	7-10-22 NESE	UTU466	891008900A	430473293100S1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-01194-A-ST
2. Name of Operator WESTPORT OIL & GAS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 1368 S 1200 E VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 435.781.7060		8. Well Name and No. NBU 222
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T10S R22E SWNE 1667FNL 2602FEL		9. API Well No. 43-047-32509
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

PUMP 4 DRUMS OF 15% ACID DOWN TBG AND FLUSH W/ 10 BBLS WATER. 1-30-04/OPR

14. I hereby certify that the foregoing is true and correct. Electronic Submission #27541 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY, sent to the Vernal	
Name (Printed/Typed) DEBRA DOMENICI	Title SR ADMINISTRATIVE ASSISTANT
Signature (Electronic Submission)	Date 02/04/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED
FEB 09 2004
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number U-01194-A-ST
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 222
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		10. API Well Number 43-047-32509
3. Address of Operator 1368 SOUTH 1200 EAST VERNAL, UTAH 84078	4. Telephone Number (435) 781-7024	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 1667'FNL & 2602'FEL County : UINTAH QQ, Sec, T., R., M : SWNE SECTION 11-T10S-R22E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>WORKOVER</u></td> <td></td> </tr> </table> <p>Date of Work Completion <u>4/2/04</u></p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>WORKOVER</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>WORKOVER</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RU SPOT EQUIP RU KILL WELL W/20 BBLs KCL ND TREE NUBOP INSTALL STRIPPING HEAD & RUBBER
 RIH POOH TBG SCALED & CORROSION PITTED.
 POOH & LD 132 JTS 2 3/8" SCALE & PITTED TBG. RIH W/128 JTS. RU RIH W/2 3/8" TBG LAND ON WELL
 HEAD W/251 JTS PSN MULE SHOE EOT @8035'. PSN @8031' ND BOP NU TREE RU & SWAB MADE
 5 RUNS REC 10 BBLs.
 RDMO.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego Title Regulatory Analyst Date 07/01/04

(State Use Only)

RECEIVED
JUL 06 2004
 DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-01197-A-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NBU 222

9. API NUMBER:
4304732509

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1667'FNL & 2602'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 11 10S 22E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/20/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

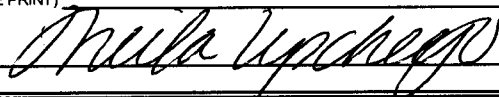
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

9/20/2005: PMP 5 BBLS 2% KCL 2 DRUMS ACID & 15 BBLS 2% KCL.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE



DATE 10/5/2005

(This space for State use only)

RECEIVED

OCT 12 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):
 N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):
 N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.

Unit:

NATURAL BUTTES UNIT

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on:
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
 The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-01194A-ST
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 222
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1667 FNL 2602 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 11 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047325090000
PHONE NUMBER: 720 929-6119		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/19/2015	OTHER: <input type="text" value="CLEANOUT"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 222, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 26, 2015		
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 8/26/2015	

US ROCKIES REGION
Operation Summary Report

Well: NBU 222

Spud date: 8/3/1994

Project: UTAH-UINTAH

Site: NBU 1022-11G2 PAD

Rig name no.: GWS 1/1

Event: WELL WORK EXPENSE

Start date: 7/20/2015

End date: 8/5/2015

Active datum: GL @5,032.99usft (above Mean Sea Level)

UWI: NBU 222

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
7/16/2015	7:00 - 13:00	6.00	MAINT	35		P		Drove to loc. Rigged up. RIH w/1.906 Broach to 8052', POOH. Blew well to tank until plunger came up. RIH w/JDC to 8054', latched spring, hit jars @ 900 PSI for a little while, POOH. RIH w/JDC to 8057', latched TS, hit jars @ 1400 PSI for an hour, POOH. No TS due to JDC being sheared off. RIH w/JDC to 8033', Latched TS, hit jars @ 1000 PSI for a while, POOH. Rigged down, traveled to next loc. PCS Sand plunger measures 1.901 on top and 1.901 on bottom. FLUID LEVEL 6750 SEAT NIPPLE DEPTH
7/31/2015	15:00 - 18:00	3.00	MIRU	30	A	P		SN TYPE TD (Max Depth) MIRU, SPOT EQUIPMENT, SHUT DOWN FOR THE WEEKEND.
8/3/2015	6:45 - 7:00	0.25	MAINT	48		P		HSM.
	7:00 - 9:00	2.00	MAINT	30	F	P		FWP = 30 PSI. BLOW WELL T/ RIG TANK. ND WH, NUBOP W/ CHANGE OVER SPOOL. RU RIG FLOOR & TBG EQUIP. UNLAND TBG (PULLED 80K T/ GET 71/16 TBG HNGR OUT OF LANDING BOWL) LD 71/16 TBG HNGR.
	9:00 - 15:00	6.00	MAINT	45	A	P		MIRU SCAM TECH. POOH SCAN 253 JTS 23/8 J-55 TBG. FOUND - 148 YB, 102 BB, 3 RB. HEAVY OD PARAFFIN 7534' - 7792'. LIGHT - MED PARAFFIN 7792' - 8120'. TOOL STUCK & PERF HOLES IN JT 253. NOTE - SOULD SAMPLE WERE TAKEN. RDMO SCAN TECH.
	15:00 - 16:30	1.50	MAINT	31	I	P		PU 37/8 MILL, POBS & 1.875 XN. RIH 50' STACK OUT. WORK MILL THROUGH. STACK OUT ON EVERY TBG CLR AT SAME SPOT. POOH W/ TBG. LD BHA. PU STRING MILL IN THE MORNING.
8/4/2015	6:45 - 7:00	0.25	MAINT	48		P		HSM.

US ROCKIES REGION
Operation Summary Report

Well: NBU 222				Spud date: 8/3/1994							
Project: UTAH-UINTAH			Site: NBU 1022-11G2 PAD				Rig name no.: GWS 1/1				
Event: WELL WORK EXPENSE			Start date: 7/20/2015					End date: 8/5/2015			
Active datum: GL @5,032.99usft (above Mean Sea Level)				UWI: NBU 222							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation			
	7:00 - 12:00	5.00	MAINT	31	I	P		FWP = 30 PSI. BLOW WELL DOWN T/ FBT. (NO H2S PRESENT) PU 3 7/8 TAPERD MILL. RIH W/ 2 JTS 23/8 TBG T/ 50'. RU DRL EQUIP. TURN TAPERD MILL THROUGH BAD SPOT @ 50'. DIDN'T SEE ANYTHING. POOH. PU 3 15/16 STRING MILL W/ 3 7/8 TAPERD MILL. RIH T/ 50'. TURN MILLS THROUGH BAD SPOT @ 50'. COULD FILL BAD SPOT, BUT DIDN'T SEE ANY TORQUE OR TAKE ANY WEIGHT THROUGH BAD SPOT. POOH, LD STRING & TAPERD MILLS. PU 3 7/8 MILL, POBS & 1.875 XN. RIH W/ TBG T/ 50' STACK OUT. WORK MILL THROUGH. EVERY CLR WOULD HANG UP ALSO. RIG PUMP T/ 7" CSG VALVE. PUMP 5 BBLS, 23/8 TBG & 4 1/2 CSG WENT ON VACUUM. POOH W/ 2 JTS, BTM JT WAS WET. CALL ENGINEER. "FIX CSG OR P&A LATER" NOTE - 4 1/2 CSG PARTED @ 50'. TBG CLR HANG UP GOING IN THE HOLE & COMING OUT OF HOLE.			
	12:00 - 18:00	6.00	MAINT	31	I	P		XO TBG EQUIP. RIH W/ SAME BHA & 266 JTS. EVERY TBG CLR WAS HANGING UP ON BAD SPOT @ 50'. TAG FILL @ 8566' = 84' RAT HOLE. XO TBG EQUIP. POOH LD 49 JTS EXESS TBG. SWIFN. EOT @ 7199'.			
8/5/2015	6:45 - 7:00	0.25	MAINT	48		P		HSM.			
	7:00 - 13:00	6.00	MAINT	31	1	P		SICP = 37 PSI. BLOW WELL DOWN T/ FBT (NO H2S DETECTED) PU 7 1/16 TBG HNGR. LAND TBG W/ 224 JTS 2 3/8 J-55 TBG, 1.875 XN. EOT @ 7197'. RD TBG EQUIP & RIG FLOOR. ND BOP, NU WH. DROP BALL. HOOK UP WTF FU. PUMP BIT OFF. UNLOAD WELL W/ FOAM UNIT. SWI FOR PSI BUILD UP. RACK OUT RIG EQUIP. RDMO RIG. ROAD RIG T/ NBU 1022-11K2S. NOTE - THIS WELL WILL NEED T/ BE PURGED BEFORE GOING T/ SALES.			
8/19/2015	7:00 - 10:00	3.00	MAINT	35		P		Drove to loc. Rigged up. RIH w/Sample Baler to TD, POOH. Dropped in new spring and chased w/1.906 Broach to 7210' to seat, POOH. Rigged down, moved to next well. FLUID LEVEL SEAT NIPPLE DEPTH 7210 SN TYPE X TD (Max Depth) 8556			